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62.89 Index #

TAIT'S

Thorobred

SEEDS

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U. S. Department of Agriculture

**Our 83rd
Annual
Catalog
1953**

Tait's Hybrid
Tomato
Pkt., 20c

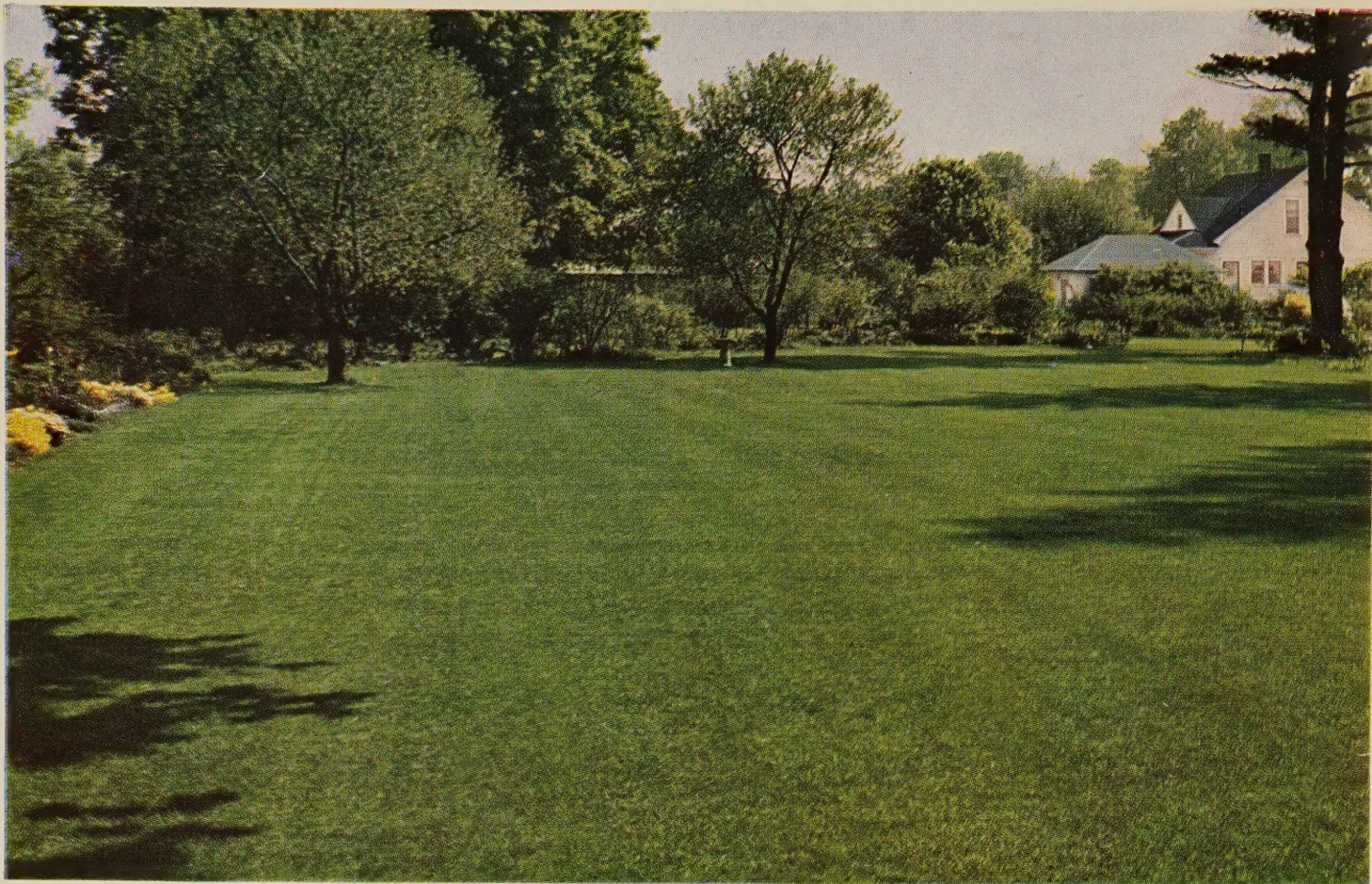
Laxton's Progress
Peas
Pkt., 15c

Lochief
Hybrid
Sugar Corn
Pkt., 15c

Geo. Tait & Sons  **Norfolk, Va.**

THOROBRED SEEDS

BEST BY TEST FOR OVER 80 YEARS



Lawns Like This Can Be Made with Tait's Lawn Grass Seed

BE PROUD OF YOUR LAWN!

TAIT'S Superior *Lawn Grass Seed*

The Kind That Builds Thick, Velvety, Weed-Free Lawns

The Grass Seeds in our Lawn Mixtures are extra choice, re-cleaned, tested, and are of the highest purity and germination. One pound will sow a plot 10 by 15 feet or 150 square feet.

Tait's Thorobred Lawn Mixture The best mixture of fine-leaved grasses for open places from Delaware to North Carolina. Lb. 85c; 5 lbs. \$4.10; 10 lbs. \$8.00; 25 lbs. \$19.25; 100 lbs. \$75.00, delivered.

Tait's "MAGIC GREEN" (Registered Trade Mark) **LAWN GRASS MIXTURE**

A popular and very satisfactory mixture of hardy, fine-leaved grasses and white clover for open lawns in Virginia and North Carolina. Lb. 70c; 5 lbs. \$3.35; 10 lbs. \$6.50; 25 lbs. \$15.50; 100 lbs. \$60.00 delivered.

Tait's Shady Place Lawn Mixture Recommended for shady situations, under trees, or close to walls. Lb. 85c; 5 lbs. \$4.10; 10 lbs. \$8.00; 25 lbs. \$19.25; 100 lbs. \$75.00, delivered.

Tait's Velvet Mixture A popular mixture of grasses that will make a fair lawn at a minimum cost. Lb. 50c; 5 lbs. \$2.30; 10 lbs. \$4.40; 25 lbs. \$10.50; 100 lbs. \$40.00, delivered.

Tait's Seaside Mixture Recommended for Southern and seashore lawns. Lb. 70c; 5 lbs. \$3.35; 10 lbs. \$6.50; 25 lbs. \$15.50; 100 lbs. \$60.00, delivered.

Merion Blue Grass A new, superior, drought resistant strain for lawns and golf courses. \$5.00 per lb., delivered.

Domestic Rye Grass A quick-growing, inexpensive annual grass, largely used in the South for fall and winter lawns. Lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.75; 25 lbs. \$4.25; 50 lbs. \$7.75; 100 lbs. \$14.50, delivered.

White Dutch Clover Used extensively in lawn mixtures, and preferred by some for lawns instead of grass. Lb. \$1.35; 5 lbs. \$5.50; 10 lbs. \$10.50; 25 lbs. \$25.00, delivered.

Pamphlet for the Making and Care of Lawns Mailed Free On Request

Terms of Sales—Please Read Before Ordering

Tait's Seeds are Tested and we know they will grow before they are sent out. Even then, they may occasionally not come up, due to causes over which we have no control, such as too deep covering or not deep enough; too little or too much moisture; unfavorable weather or heavy rains that might cause a crust to form through which the young sprouts cannot penetrate. **Geo. Tait & Sons, Inc., warrants to the extent of the purchase price that the seeds, bulbs or plants sold are as described on the container within recognized tolerances. Seller gives no further warranty, express or implied.**

HOW TO SEND MONEY. Remittance should be made by Check, Draft or Money Order. If you live on a Rural Mail Route, just give the letter and the money to the mail carrier and he will get the money order at the postoffice and mail it in the letter for you. Stamps can be readily utilized by us (send **one-, two- or three-cent stamps only**), and will be accepted in payment of small orders at sender's risk.

IF WE ARE OUT OF THE VARIETY YOU ORDER MAY WE SUBSTITUTE ONE OF EQUAL QUALITY?

WE GUARANTEE THE SAFE ARRIVAL of every package of seed we send by mail or express, but seeds shipped by ordinary freight, after taking receipt for them in good order from railroad or steamboat lines, travel at the purchaser's risk. If a package fails to arrive within a reasonable time, we should be advised.

PACKING CHARGES. The only packing charge is for bags, and these are charged at cost, or less than cost, and are not returnable.

WE DELIVER FREE BY MAIL, EXPRESS OR FREIGHT, our option, all vegetable and flower seed orders when cash is sent at prices in this catalog, except where noted.

All Prices Subject to Change Without Notice

The words "Thoroughbred Seeds" and "Thorobred Seeds" being a registered trade-mark (U. S. Patent Office, No. 51052), and the words "Thoroughbred" and "Thorobred" being also a registered trade-mark (U. S. Patent Office, No. 92011), all persons are warned against their use in connection with the advertising or sale of seeds. We solicit the help of our friends in the detection and punishment of infringements of our copyright.

1953 Garden Calendar for Latitude of Norfolk, Va. 1953

January	Sowings in Open Ground					Sowings in Hot Beds Beet, Broccoli, Brussels Sprouts, Carrot, Radish, Cauliflower																																						
	Early Peas	Irish Potatoes	Onion Sets	Radish	Spinach																																							
February	Asparagus Asparagus Roots	Carrot Herbs Beet	Onion Onion Sets Leek	Irish Potatoes Radish Early Peas	Rhubarb Roots Spinach Swiss Chard Turnip	Broccoli, Brussels Sprouts Cucumber, Eggplant Lettuce, Onion Radish, Tomato																																						
March	Artichoke Artichoke Roots Asparagus Roots Asparagus Beet Brussels Sprouts	Cabbage Carrot Cauliflower Chives Cress Endive	Herbs Horseradish Spring Kale Leek Lettuce Mustard	Onion Onion Sets Parsley Parsnip Wrinkled Peas Irish Potatoes	Radish Rhubarb Roots Sorrel Spinach Swiss Chard Turnip	Cucumber Muskmelon																																						
April	Artichoke Artichoke Roots Snap Beans Lima Beans Beet Broccoli Brussels Sprouts	Cabbage Carrot Celery Cauliflower Chives Corn Cress	Cucumber Endive Horseradish Leek Lettuce Melons Mint Roots	Onion Onion Sets Parsley Parsnip Wrinkled Peas Pepper Parsley	Rhubarb Roots Salsify Sorrel Swiss Chard Witloof	The Number of Plants Required to Set an Acre <table><tr><th>Distance</th><th>Number</th></tr><tr><td>1 ft. by 1 ft.....</td><td>43,560</td></tr><tr><td>1½ ft. by 1½ ft....</td><td>19,360</td></tr><tr><td>2 ft. by 2 ft.....</td><td>10,890</td></tr><tr><td>2½ ft. by 2½ ft....</td><td>6,970</td></tr><tr><td>3 ft. by 1 ft.....</td><td>14,520</td></tr><tr><td>3 ft. by 2 ft.....</td><td>7,260</td></tr><tr><td>3 ft. by 3 ft.....</td><td>4,840</td></tr><tr><td>4 ft. by 4 ft.....</td><td>2,722</td></tr><tr><td>5 ft. by 5 ft.....</td><td>1,742</td></tr><tr><td>6 ft. by 6 ft.....</td><td>1,210</td></tr><tr><td>9 ft. by 9 ft.....</td><td>537</td></tr><tr><td>12 ft. by 12 ft.....</td><td>302</td></tr><tr><td>15 ft. by 15 ft.....</td><td>194</td></tr><tr><td>18 ft. by 18 ft.....</td><td>134</td></tr><tr><td>20 ft. by 20 ft.....</td><td>105</td></tr><tr><td>25 ft. by 25 ft.....</td><td>70</td></tr><tr><td>30 ft. by 30 ft.....</td><td>40</td></tr><tr><td>40 ft. by 40 ft.....</td><td>27</td></tr></table>	Distance	Number	1 ft. by 1 ft.....	43,560	1½ ft. by 1½ ft....	19,360	2 ft. by 2 ft.....	10,890	2½ ft. by 2½ ft....	6,970	3 ft. by 1 ft.....	14,520	3 ft. by 2 ft.....	7,260	3 ft. by 3 ft.....	4,840	4 ft. by 4 ft.....	2,722	5 ft. by 5 ft.....	1,742	6 ft. by 6 ft.....	1,210	9 ft. by 9 ft.....	537	12 ft. by 12 ft.....	302	15 ft. by 15 ft.....	194	18 ft. by 18 ft.....	134	20 ft. by 20 ft.....	105	25 ft. by 25 ft.....	70	30 ft. by 30 ft.....	40	40 ft. by 40 ft.....	27
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May	Snap Beans Lima Beans Beet Cabbage Carrot	Celery Chives Cress Cucumber Kohl-rabi	Endive Lettuce Melons Mint Roots Okra	Peas Pepper Pumpkin Radish	Salsify Squash Swiss Chard Tomato																																							
June	Snap Beans Lima Beans Beet Stock Beet	Cabbage Collard Carrot Cress	Cucumber Corn Endive Lettuce	Melons Okra Pumpkin Radish	Swiss Chard Tomato																																							
July	Snap Beans Beet Broccoli Brussels Sprouts	Cabbage Carrot Collard Corn	Corn Salad Cucumber Scotch Kale Lettuce	Okra Pumpkin Radish Salsify	Stock Beet Swiss Chard Tomato Turnip																																							
August	Snap Beans Beet Broccoli Brussels Sprouts	Carrot Collard	Corn Salad Dandelion Kale	Mustard Early Peas Irish Potatoes	Radish Stock Beet Spinach Swiss Chard Turnip																																							
September	Snap Beans Beet Cabbage	Carrot Cauliflower Corn Salad	Cress Kale Lettuce	Mustard Onion Onion Sets	Winter Radish Spinach Turnip																																							
October	Broccoli Cabbage Cauliflower	Lettuce Onion	Onion Sets Radish	Spinach Turnip	Turnip for Salad																																							
November	Radish	Spinach Onion Sets	Turnip for Salad	Prices Subject to Change Without Notice																																								
December	Radish	Onion Sets	Spinach																																									

GEO. TAIT & SONS, INC.

55 Commercial Place

January 1, 1953

Norfolk 10, Virginia

Our 83rd Annual Catalog of Thorobred Seeds

TAIT'S GRASS AND CLOVER MIXTURES

The ideal time for sowing Grass and Clover Seeds, in the latitude of Norfolk, is from March to May in the spring and from September to December in the fall, except where noted.



A Pasture of Orchard Grass and Ladino Clover

A Popular Mixture of LADINO CLOVER AND GRASS For Permanent Pasture

One of the most popular mixtures recommended by the Virginia and North Carolina Experiment Stations, for the coastal sections of Va. and N.C., for either cattle or hogs, is a mixture of Ladino Clover, with Orchard Grass, Alta Fescue or Kentucky 31 Fescue. This mixture is sown at the rate of 2 lbs. of Ladino Clover, with 10 lbs. of either of the grasses, and makes a splendid permanent pasture that will last for several years. Some farmers prefer to sow 5 lbs. each of either Alta Fescue or Kentucky 31 Fescue and Orchard Grass with 2 lbs. of Ladino Clover. May be sown either in the spring or fall. (Write for prices.)

Top
Pastures
Mean More
Dollars

Pastures
At Their Best
Improve
All The Rest

Special Grass Mixtures For Hay, Meadows and Pastures

All mixtures contain Ladino Clover

No. 1 Pasture Mixture for light sandy soil. Composed of grasses and clovers including Tall Meadow Oat Grass, Red Top or Herd's, Serecia, Korean and Common Lespedeza and Ladino Clover. (Write for prices.)

No. 2 Pasture Mixture for good loam soil. Composed of grasses and clovers, including Kentucky Blue Grass, Red Top, Orchard Grass, Meadow Fescue, Ladino Clover, Red Clover, Alfalfa and Lespedezas. (Write for prices.)

No. 3 Pasture Mixture for heavy soil. Composed of grasses and clovers, including Kentucky Blue Grass, Carpet Grass, Meadow Fescue, Ladino Clover, Red Clover, Alfalfa, and Lespedezas. (Write for prices.)

No. 4 Pasture Mixture for low land. Composed of grasses and clovers, including a predominant amount of Meadow Fescue, Red Top, Carpet Grass, Timothy, Alsike Clover, Ladino Clover, and Lespedezas. (Write for prices.)

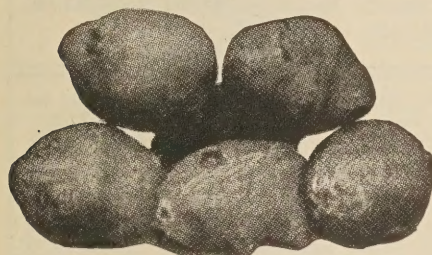
For other grasses and clovers, see pages 43-44-45

TAIT'S THOROBRED VEGETABLE SEEDS

For over Eighty Years it has been our aim and constant endeavor to grow and sell the best seeds that can be produced, and our customers and prospective customers will find listed varieties of proven stocks that the most successful Home and Market Gardeners have found to be "BEST BY TEST."

ARTICHOKE

Jerusalem Artichokes are propagated by and for tubers like potatoes. They are principally grown for feeding hogs, sheep and cattle. They are also nice to grow in the garden, as they make splendid pickles, may be boiled like new Potatoes, or eaten raw. Plant in March or April, 3 ins. deep, in rows 3 ft. apart, leaving



Jerusalem Artichoke Tubers

15 ins. between the cut pieces, which should have at least 2 eyes. 1 lb. would produce sufficient tubers for an average family. 5 to 6 bus. per acre.

Tubers. 1 lb. 40c; 5 lbs., \$1.75; 10 lbs., \$3.00, postpaid. Write for prices in larger quantities.

ASPARAGUS

One ounce will produce about 350 roots; 2 pounds will produce sufficient roots to set an acre.

Culture: Sow in February or March 1 inch deep in rich soil in rows 18 inches apart. Thin the young plants to 3 inches apart, and cultivate frequently. When a year old, dig and replant as suggested under culture for "Asparagus Roots."

MARY WASHINGTON RUST-RESISTANT.

A rust-resistant strain with large stalks and the best variety to grow either for market or the home garden. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

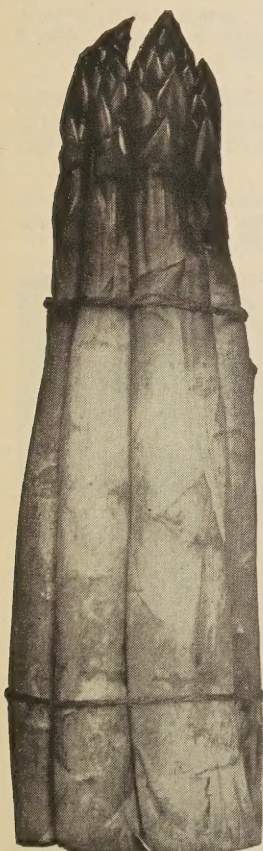
Asparagus Roots

Seventy-five roots will set a row 100 feet long; 7000 roots will set an acre.

Culture: Plant in 3-ft. rows 18 inches apart. Plow or dig a trench 15 inches deep and 12 inches wide. Put in the bottom of the trench 3 inches of well-rotted manure, and cover the manure with 3 inches of rich soil. Care must be taken to see that the roots are well spread and the crowns in upright position. Cover with 3 inches of soil and as the plants grow, fill in the trench with rich compost until level with the surface. Asparagus should never be allowed to go to seed and the plants should have two full season's growth before cutting. An occasional top dressing of salt is beneficial.

MARY WASHINGTON RUST-RESISTANT.

25 roots, \$1.25; \$3.25 per 100, postpaid.



Mary Washington Asparagus

BROCCOLI

1 oz. will produce 2,000 plants; 4 ozs. will produce sufficient plants to set an acre.

A delicious, easily grown and popular vegetable. The large, green central heads develop rather rapidly, and after the head is cut, the plant produces several shoots with small heads. It is usually cut and bunched as per illustration. It can be sown in hotbed in February, or in the open in April, but our truckers sow the seed in July and August, using 3 lbs. of seed to the acre, and drilling it ¼ inch deep in rows 3 ft. apart, and thinning the plants to 2 ft. apart in the row.

DeCICCO. (75 days.) A splendid early strain of this delicious vegetable. It produces a large central head, with numerous shoots or sprouts, and is adapted to freezing. Cultivation same as for cabbage. Pkt., 10c; oz., 60c; ¼ lb., \$1.30; lb., \$3.25, postpaid.

EARLY GREEN SPROUTING CALABRESE.

(85 days.) Our special strain of this variety is very sure heading, producing a central head with a liberal supply of shoots or sprouts. It is ten days later in heading than DeCicco, and is excellent for freezing. Cultivation same as for cabbage. Pkt., 10c; oz., 50c; ¼ lb., \$1.10; lb., \$2.75, postpaid.



Early Green Sprouting Calabrese Broccoli

WALTHAM 29. (75 days.) An outstanding variety with bluish green foliage. The head is very compact, and free of leaflets, with almost no tendency for uneven development, and is of good color. Very productive and apparently is more cold resistant than other varieties. Pkt., 15c; ½ oz., 50c; oz., 95c; ¼ lb., \$2.40; lb., \$6.00, postpaid.

BROCCOLI RAAB OR RAPA (Italian Turnip).

A popular vegetable on the Eastern Shore of Virginia, which is grown for early "greens" and its tender shoots. The seed is usually sown in September, and the plants grow 15 to 18 ins. in height, with strap leaves of a medium green color. If there is any market for early "greens" it is cut for "greens" but if there is no market it is allowed to shoot up and the tender stalks with the small florets or heads, when 8 or 9 ins. long, are cut and bunched as Asparagus, or packed in baskets for market. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

Remember, Tait's Thorobred Seeds have pleased the most particular truckers, market and home gardeners for over 80 years. They have been found to be "Best by Test."



New Wade Stringless Bean

GREEN BEANS—Dwarf or Bush

One Pound of Beans will plant a row 100 feet long,
60 to 75 Pounds will plant an acre.

Culture: Beans will grow in any good, well drained soil, but do best in rich, sandy loam. Plant from April to August in rows 2 to 3 feet apart, 1½ inches deep, leaving 3 or 5 inches between the Beans. Frequent shallow cultivation, drawing the earth to the plants, is essential until they come into bloom. Do not cultivate or pick them while wet with dew, and keep all matured pods picked off. Bush Beans usually grow from 15 to 20 inches in height.

WADE STRINGLESS. (51 days.) This new bean is named for the late Dr. J. W. Wade, of the Charleston, S. C. Regional Vegetable Breeding Laboratory, and was awarded the All America Gold Medal for 1952. The plant grows tall enough to keep the beans well off the ground and is resistant to common bean Mosaic and Powdery Mildew. The pod is also classed as a slow wilting type, losing water resistance slower than the average variety. The pods are smooth, round, nearly straight, 5½ to 6 inch pods, and of an attractive deep green color, and splendid quality. It is equally good for market or the home garden, and for processing. It should be given a trial by all bean growers. **Pkt., 15c; ½ lb., 40c; lb., 70c; 2 lbs., \$1.25; 5 lbs., \$2.55; 10 lbs., \$4.50, postpaid.**

CONTENDER. (51 days.) An early, heavy yielding variety that should be given a trial by all bean growers. The medium green, 5½ to 6 inch oval pods are slightly curved and at market stage look nearly round, and of splendid quality. It is resistant to common bean Mosaic, and has shown considerable heat tolerance, and should prove an excellent variety, not only for the spring planting, but for the summer and fall crop. Under certain conditions the pods will sometimes show purplish splashings. **Pkt., 15c; ½ lb., 35c; lb., 70c; 2 lbs., \$1.15; 5 lbs., \$2.30; 10 lbs., \$4.00, postpaid.**

TENDERLONG No. 15 STRINGLESS. (48 days.) In our trials, we liked this variety better than Tendergreen or Long Green, as it had all the good qualities of these beans, and in addition was Mosaic Resistant. The round, slender, dark green slightly curved 6 inch pods are of excellent quality. Good for market, canning or freezing. **Pkt., 15c; ½ lb., 35c; lb., 70c; 2 lbs., \$1.15; 5 lbs., \$2.30; 10 lbs., \$4.00, postpaid.**

TOPCROP. (51 days.) An early variety with round, medium green 5½ to 6 inch pods that are stringless, without fibre, and of splendid quality. Best suited for local markets or the home garden and fine for canning or freezing. **Pkt., 15c; ½ lb., 35c; lb., 70c; 2 lbs., \$1.15; 5 lbs., \$2.30; 10 lbs., \$4.00, postpaid.**

TENDERGREEN OR LONGGREEN.—Use Tenderlong No 15, a better variety for home or market.

BLACK VALENTINE STRINGLESS. (53 days.) Early, and probably the hardest bush bean. Popular with both home and market gardeners. The attractive, oval 6 inch pods are dark green, nearly straight, strictly stringless and of good quality. It retains its color and texture in long distance shipping. **Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.10; 10 lbs., \$3.60, postpaid.**

BURPEE'S STRINGLESS. See Landreth's Stringless.

LANDRETH'S STRINGLESS. An improved Burpee's Stringless. (54 days.) Long, dark green pods of excellent quality. Equally good for market or the home garden. Fine for canning. **Pkt., 15c; ½ lb., 35c; 1 lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.10; 10 lbs., \$3.60, postpaid.**

BOUNTIFUL STRINGLESS. (48 days.) For market or home garden, this is the earliest and best flat green-podded Bean. Hardy and enormous bearer, the handsome, light green, flat pods are often more than six inches long, stringless and of splendid quality. **Pkt., 15c; ½ lb., 35c; 1 lb., 70c; 2 lbs., \$1.10; 5 lbs., \$2.20; 10 lbs., \$3.80, postpaid.**

KIDNEY BEANS, NAVY BEANS, DWARF HORTICULTURAL BEANS.
(See page 40.)

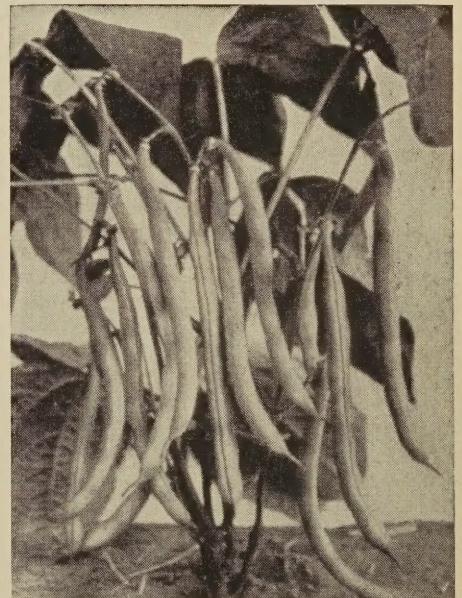
WAX BEANS—Dwarf or Bush

CHEROKEE STRINGLESS WAX. Sometimes called Valentine Wax. (53 days.) An outstanding variety with golden, 6 inch oval shaped pods that are practically straight. Tender and of good quality, and stringless at all stages. The most prolific wax bean. **Pkt., 15c; ½ lb., 35c; lb., 70c; 2 lbs., \$1.10; 5 lbs., \$2.20; 10 lbs., \$3.80, postpaid.**

PENCIL POD STRINGLESS BLACK WAX. (54 days.) An old favorite with 6-inch slightly curved, round, golden-yellow pods, stringless, and of the best quality. **Pkt., 15c; ½ lb., 35c; lb., 70c; 2 lbs., \$1.10; 5 lbs., \$2.20; 10 lbs., \$3.80, postpaid.**

TOP NOTCH STRINGLESS GOLDEN WAX. (53 days.) An attractive type of Golden Wax. The 5-inch, flat, golden-yellow pods are stringless and of good quality. **Pkt., 15c; ½ lb., 35c; lb., 70c; 2 lbs., \$1.15; 5 lbs., \$2.30; 10 lbs., \$4.00, postpaid.**

Use
Rotenone Dust or Spray
For Mexican Bean Beetles
(see page 76)



Contender Stringless Bean

GREEN BEANS—Pole or Running

$\frac{1}{2}$ pound of Pole Snap Beans will plant a row 100 feet long; 25 pounds will plant an acre. Culture: Plant from April to July in rows 4 feet apart, $1\frac{1}{2}$ inches deep, setting the poles 4 feet in the row. Drop 4 or 5 beans around each Pole, afterwards thinning out to 2 or 3. Cultivate same as for Bush Beans. May also be planted in the cornfield, and allowed to run up the stalks.

KENTUCKY WONDER or

OLD HOMESTEAD. (65 days.) This well known and popular variety is more largely used than any other Pole Bean. The vines are most productive bearing long, 8-inch, nearly round curved pods borne in clusters from top to bottom, which are brittle, meaty, stringless when young, and of exceptionally fine flavor. If gathered as they mature, they will continue to bear through the season. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 70c; 2 lbs., \$1.10; 5 lbs., \$2.20; 10 lbs., \$3.80, postpaid.

McCASLAN. (65 days.) This variety is similar to White Kentucky Wonder, but earlier and more productive. The seven inch, slightly flattened, dark green pods are fleshy, stringless, and of delicious flavor. The seed is white and when dry makes a fine winter shell bean. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 70c; 2 lbs., \$1.10; 5 lbs., \$2.20; 10 lbs., \$3.80, postpaid.

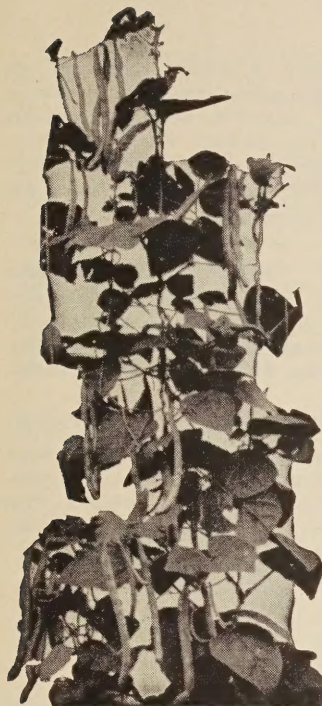
POTOMAC. (58 days.) The vines of this variety are vigorous and climb well, producing practically round 5-inch pods, which are stringless at all stages and of splendid quality. Resistant to common bean Mosaic. A great improvement on the old "Ideal Market." Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 70c; 2 lbs., \$1.15; 5 lbs., \$2.30; 10 lbs., \$4.00, postpaid.

BLUE LAKE STRINGLESS. (55 days.) Also called **Im-proved Stringless White Creaseback.** An early, robust variety with 6-inch, round medium green pods of good quality. Resistant to common bean Mosaic, and certain strains of rust. Splendid for canning or freezing. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 70c; 2 lbs., \$1.10; 5 lbs., \$2.20; 10 lbs., \$3.80, postpaid.

STRIPED CREASEBACK. Also called **Scotia and Nancy Davis.** (70 days.) A genuine cornfield bean. An old favorite, vigorous, prolific, and a good climber. The six inch round, meaty, medium green pods, while not stringless, are of delicious quality. The snaps stay in edible condition longer than those of any other pole bean. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 70c; 2 lbs., \$1.10; 5 lbs., \$2.20; 10 lbs., \$3.80, postpaid.

IMPROVED HORTICULTURAL.

Also called **Speckled Cranbury, October, and Wrenn's Egg.** (70 days.) A popular variety bearing six inch, flat, light green pods, splashed with carmine, and stringless at snap stage. Good for either green shelled beans or for baking. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 70c; 2 lbs., \$1.10; 5 lbs., \$2.20; 10 lbs., \$3.80, postpaid.



Kentucky Wonder
Green Pole Beans

YARD LONG. Also called **Asparagus Beans.** (75 days.) A variety of the cowpea group. Grown for forage, and as a curiosity. The greatly elongated oval, light green pods often measure more than 18 inches. Pkt., 15c; $\frac{1}{2}$ lb., 45c; 1 lb., 85c; 2 lbs., \$1.45; 5 lbs., \$3.05; 10 lbs., \$5.50, postpaid.

WAX BEANS—Pole or Running

KENTUCKY WONDER WAX. (65 days.) The best wax-podded Pole Bean, producing 8-inch, fleshy, flat, oval shaped, yellow, practically stringless pods of fine flavor. Pkt., 15c; $\frac{1}{2}$ lb., 45c; lb., 85c; 2 lbs., \$1.45; 5 lbs., \$3.05; 10 lbs., \$5.50, postpaid.

LIMA BEANS—Dwarf or Bush

Large Bush Lima Beans

One-half pound of small bush, or 1 pound large bush Lima Beans will plant a row 100 feet long. 30 pounds of the small, or 60 pounds of the large, will plant an acre.

Culture: Lima Beans are not as hardy as snap Beans, and should not be planted as early. Plant from May to July in rows 3 feet apart, $1\frac{1}{2}$ inches deep, dropping 3 or 4 beans every 8 or 10 inches. Cultivate the same as Snap Beans.

EARLY MARKET. (68 days.) Probably the earliest, most prolific, of large Dwarf Limas. The pods are $4\frac{1}{2}$ inches long, and contain 3 to 4 large flat green tinted Beans of excellent quality. Pkt., 15c; $\frac{1}{2}$ lb., 40c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$2.55; 10 lbs., \$4.50, postpaid.

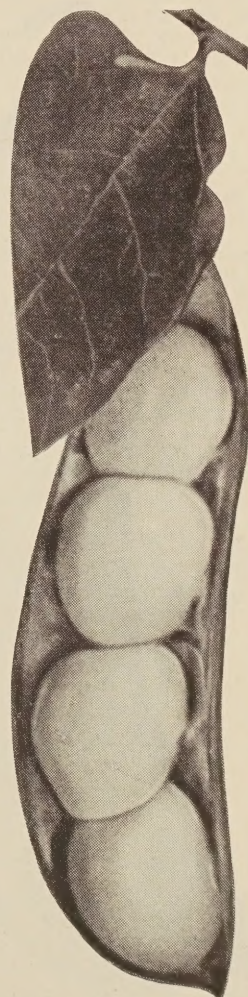
FORDHOOK No. 242. (73 days.) The most popular of the large Dwarf Limas. The pods are $3\frac{3}{4}$ inches long, containing 3 or 4 oval-shaped, green tinted Beans of delicious flavor. Its distinct advantage over the regular Fordhook is its ability to set basil pods in hot, dry weather. Very prolific. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 70c; 2 lbs., \$1.20; 5 lbs., \$2.40; 10 lbs., \$4.20, postpaid.

FORDHOOK REGULAR. (75 days.) We will list this regular strain of Fordhook Beans, as some market gardeners prefer it, because of its trifle larger pod and bean.

However, it is not so heavy or sure a cropper as Fordhook No. 242. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 70c; 2 lbs., \$1.20; 5 lbs., \$2.40; 10 lbs., \$4.20, postpaid.

PEERLESS. (75 days.) Developed by the U. S. Dept. of Agriculture from a cross between Fordhook and Henderson Bush. The pods are $3\frac{1}{2}$ inches long; slightly curved, containing three medium sized beans. It is quite prolific, of good quality, and tolerant of heat. Good for canning or freezing. Pkt., 15c; $\frac{1}{2}$ lb., 40c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$2.60; 10 lbs., \$4.60, postpaid.

IMPROVED BURPEE. (75 days.) The best of the large flat seeded bush Limas. The six inch pods usually contain four or five large flat, green tinted beans of splendid quality. The plants are vigorous and very prolific. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 70c; 2 lbs., \$1.20; 5 lbs., \$2.40; 10 lbs., \$4.20, postpaid.



Fordhook Bush Lima
Beans No. 242

LIMA BEANS—Dwarf or Bush

Small Bush Lima Beans

HENDERSON'S BUSH LIMA. (63 days.) The small bush butterbean of the South. The earliest small Bush Lima. The plants are medium size, dark green, bearing pods 3 inches long containing 3 small flat Beans. When picked at the proper stage, the Beans retain an attractive greenish tint, and are of most delicious flavor. Very popular for canning. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.00; 5 lbs., \$1.95; 10 lbs., \$3.20, postpaid.

GREEN SEEDED HENDERSON. Also called Thorogreen and Cangreen. (68 days.) Quite similar to Henderson Bush, but not as prolific. The Beans, however, retain a greenish tint even when matured. Especially recommended for canning. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.10; 10 lbs., \$3.60, postpaid.

EVERGREEN. (68 days.) A small lima or butterbean, which in plant and pod resembles the Henderson Bush Lima. It bears 2½ inch pods, usually containing two or three plump, instead of flat beans. The distinct characteristics of this bean are that the seed, as the name implies, have a green color at all stages, even when dry, and have the delicious nutty flavor of Fordhook. Pkt., 15c; ½ lb., 40c; lb., 75c; 2 lbs., \$1.30; 5 lbs., \$2.65; 10 lbs., \$4.70, postpaid.

WOOD'S PROLIFIC. (68 days.) A distinct variety of true bush form with a tendency to throw out small runners. The plant is very productive, producing pods 3½ inches long, containing three or four medium size flat beans of good quality. The shelled beans do not retain the pleasing greenish tint of the Henderson. Pkt., 15c; ½ lb., 35c; lb., 70c; 2 lbs., \$1.10; 5 lbs., \$2.20; 10 lbs., \$3.80, postpaid.

BABY POTATO. (65 days.) This new early thick seeded small Lima Bean is more vigorous than Henderson Bush, bearing larger pods with more beans of better flavor and at eating stage the beans are bright green in color. Pkt., 15c; ½ lb., 35c; lb., 70c; 2 lbs., \$1.15; 5 lbs., \$2.35; 10 lbs., \$4.10, postpaid.

JACKSON WONDER. Sometimes Called "Calico" Bean. (68 days.) In growth, resembles Henderson Bush, and withstands adverse weather conditions. The Beans are buff, mottled with black. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.10; 10 lbs., \$3.60, postpaid.

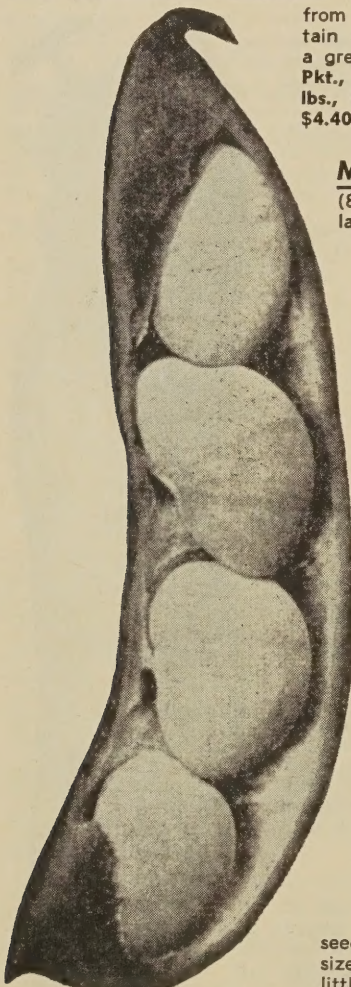
LIMA BEANS—Pole or Running

One-half pound of the small and one pound of the large Pole Lima Beans will plant a row 100 feet long; 15 pounds of the small, or 30 pounds of the large will plant an acre.

Culture: Plant from May to July in rows 4 feet apart, setting the poles 4 feet in the row. Drop 4 or 5 Beans around each pole, and thin out to 2 or 3. If planted beside netting, drop 2 Beans every 8 inches. Cultivation the same as for Snap Beans.

Large Pole Lima Beans

KING OF THE GARDEN. (85 days.) The most prolific large Pole Lima. The pods are from 5 to 6 inches long, and contain 4 or 5 large flat Beans, with a greenish tint of splendid quality. Pkt., 15c; ½ lb., 40c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$2.50; 10 lbs., \$4.40, postpaid.



King of the Garden Pole Lima Beans

MAMMOTH PODDED.

(85 days.) Supposed to be the largest seeded pole lima. The vines are strong, bearing 6-inch pods containing 5 or 6 large flat Beans, fine flavor. Pkt., 15c; ½ lb., 40c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$2.50; 10 lbs., \$4.40, postpaid.

IMPROVED CHALLENGER.

Also called Potato Lima and Burpee's Best. (87 days.) This variety is best described as a running Fordhook. The plant is most vigorous bearing 4-inch pods containing 3 or 4 large oval shaped green-tinted Beans of excellent quality. Pkt., 15c; ½ lb., 40c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$2.50; 10 lbs., \$4.40, postpaid.

GIANT FLORIDA SPECKLED.

Also called Christmas Lima. (85 days.) This is a large seeded type of the Florida speckled butterbean, but the seeds are nearly three times the size, and come into bearing a little later. Pkt., 15c; ½ lb., 40c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$2.50; 10 lbs., \$4.40, postpaid.

Small Pole Lima Beans

SIEVA OR CAROLINA. (75 days.) The small pole butterbean of the South. The best known Pole Butter Bean. It is quite early and prolific, bearing pods 3 inches long that contain 3 small flat beans of excellent quality. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.05; 10 lbs., \$3.50, postpaid.

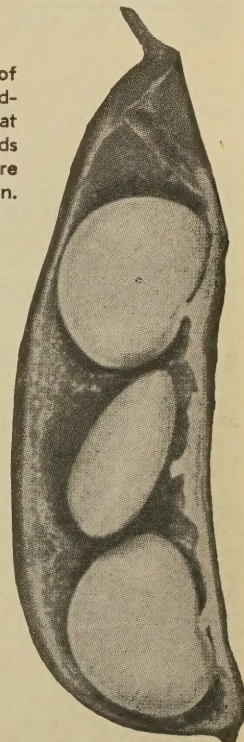
WILLOW LEAF. (75 days.) Nearly identical in size, growth and pod with the Sieva or Carolina described above, but it has willow-shaped leaves. Preferred by some growers because the foliage is easier kept from the Mexican Bean Beetle. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.10; 5 lbs., \$2.15; 10 lbs., \$3.70, postpaid.

FLORIDA SPECKLED.

(78 days.) Preferred in some sections of the South because it does well under adverse conditions. The plants somewhat resemble the Sieva, bearing 3-inch pods containing 3 medium sized Beans that are buff colored speckled with reddish brown. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.10; 5 lbs., \$2.15; 10 lbs., \$3.70, postpaid.

IMPROVED POLE.

(78 days.) Growing more popular each year. This medium size pole butterbean is early and prolific. The pods are usually 3½ inches long and contain 3 or 4 medium size flat Beans of excellent flavor. Pkt., 15c; ½ lb., 35c; lb., 70c; 2 lbs., \$1.10; 5 lbs., \$2.20; 10 lbs., \$3.80, postpaid.



Improved Pole Lima Beans

Dust Beans
For Mexican Bean Beetles
With Rotenone
(see page 76)

BEETS

2 ounces will plant a row 100 feet long; 6 to 8 pounds will plant an acre.

Culture: For extra early Beets, sow in greenhouse or hotbed in December in rows 4 to 6 inches apart, 1 inch deep. When large enough, transplant to cold frames in rows 8 inches apart, leaving 4 inches between the plants. For outdoor crop, sow in rich, loamy soil from the middle of February to the middle of July. Sow the seed 1 inch deep in rows 15 to 18 inches apart, leaving 4 inches between the plants.

EARLY WONDER.

(50 days.) We think that our

Special Strain of this splendid variety is the best early Beet and equally good for the trucker, market gardener or home. The roots are semi-globe shaped with medium dark green tops tinged with bronze, and small tap root. The skin is dark red, flesh deep blood-red, with little zoning. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.50, postpaid.

BOSTON CROSBY'S EGYPTIAN.

(53 days.) Our market gardener's stock of this popular extra early variety has been bred to perfection. The roots are of a flattened globe-shaped with medium dark green tops tinged with bronze, and a small tap root. The flesh is deep red with rather indistinct lighter zoning, and of good quality. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.50, postpaid.

BRIGHT CROSBY'S

EGYPTIAN.

(53 days.) A selection from the regular Crosby's Egyptian. It has the same shape and all the fine qualities of that variety but has bright red skin and flesh. Many growers prefer it to the darker Crosby. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$1.60, postpaid.

Sugar Beet

For Sugar Manufacture or Stock

KLEIN WANZLEBEN.

(95 days.) The most desirable variety to grow, for sugar manufacture or stock, as it contains the greatest percentage of sugar. Heavy yielder and easy to dig. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.25, postpaid.



Giant Dark Green Swiss Chard



Early Wonder Beet

STOCK
BEETS
See Page 40

SPINACH BEET OR SWISS CHARD

Two ounces will plant a row 100 feet long; 5 to 8 lbs. for an acre.

Culture: It is cultivated like Beets except that the plants should be left 10 to 12 inches apart in the row and kept thoroughly cultivated. Swiss Chard is only grown for the leaves the midrib of which is usually cooked like Asparagus, but the rest of the leaf is used for "greens," which is of the same delicate flavor as Spinach.

GIANT DARK GREEN.

(55 days.) We consider this the best variety of Chard. The midrib is 2 inches wide, and the thick dark green leaves are beautifully savoyed and of good quality. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.50, postpaid.

PERFECTED DETROIT.

(57 days.)

Probably the best all-purpose Beet for home or market but a week later than Early Wonder or Crosby's Egyptian. The globular-shaped roots have ox-blood-red skin, with medium tall dark green tops tinged with bronze and small tap root. The flesh is dark red with indistinct zones, and of unsurpassed quality. Fine for canning. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$1.60, postpaid.

EXTRA EARLY EGYPTIAN.

(45 days.) The earliest Beet in cultivation, and our stock is grown especially for the hotbed trade. The uniform flat roots have dark red skin with slender tap root and small green tops sometimes slightly tinged with bronze. The flesh is dark blood-red with little zoning. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.50, postpaid.

LUTZ GREEN LEAF. Also called

Winter Keeper.

(65 days.) A late sort for the home garden and a splendid Winter Keeper. The roots are half long, rather top shaped, with purplish red skin, bright green tops, and deep red flesh of splendid quality. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$1.60, postpaid

BRUSSELS SPROUTS

One ounce will produce 1,500 plants, 6 ounces will produce sufficient plants to set an acre.

Culture: Sow 1/2 inch deep in hot beds in January or February or in the open in July or August and transplant when large enough, to rows 2 1/2 feet apart, allowing the same distance between the plants in the row. Cultivate as for late cabbage. If the leaves at the top of the stalk crowd the little heads, break them off.

CATSKILL. (90 days.) A favorite sort among home and market gardeners on account of its hardiness. The plants are compact and produce an abundance of sprouts of the best quality. Pkt., 15c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.00, postpaid



Catskill Brussels Sprouts

CABBAGE

1 ounce will plant a row 100 feet long, and produce 1500 strong plants. 6 ounces will produce enough strong plants to set an acre—days of maturity are reckoned from the time the plants are set out until they are ready to cut.

Culture: Cabbage does best on medium stiff soil that has been thoroughly dug or plowed deeply, and heavily manured, or made rich with 6-6-5 fertilizer at the rate of 25 lbs. per 100 yards. For an early spring crop, sow in a gentle hotbed in February 1/4 inch deep in rows 6 inches apart, and transplant when weather conditions are suitable. The seed may also be sown in beds out-of-doors in April, and transplanted when the plants are large enough. For fall crop, the seed is sown in July and while it may be sown in beds, the usual method is to drill the seed where the Cabbage are to be grown, using 2 lbs. to the acre and thinning the plants 18 to 24 inches in the row. In the vicinity of Norfolk, the early spring crop of Wakefield Cabbage is sown out-of-doors in beds in late September, and the plants set in the field the last of November or early in December. The small or early types are sown in rows 3 feet apart, leaving 15 to 18 inches between the plants. The large or late types are sown in rows 3 feet 6 inches, leaving 18 to 24 inches between the plants. After the plants are set out, they should be frequently cultivated, drawing the earth to the stems at each cultivation until the heads begin to form at which time one final cultivation should be given. Cabbage should never be grown two seasons in succession on the same land.



Special Early Wakefield Cabbage

REMEMBER

Tait's Cabbage Seed is grown for particular market gardeners.

SPECIAL EARLY WAKEFIELD.

(68 days.) There are numerous stocks of this well known early cabbage, but we believe our market gardeners strain to be earlier and larger than most of them. The conical or pointed heads average from 2 1/2 to 3 pounds, and are of splendid quality. Equally good for the home garden, market garden, or for shipping. Pkt., 10c; 1/2 oz., 30c; oz., 55c; 1/4 lb., \$1.20; lb., \$3.00, postpaid.

EARLY JERSEY WAKEFIELD.

(72 days.) The standard strain of Early Wakefield, with heads averaging about 2 1/2 lbs., about four or five days later than our Special Early Wakefield. Pkt., 10c; 1/2 oz., 25c; oz., 40c; 1/4 lb., \$1.00; lb., \$2.50, postpaid.



Ferry's Round Dutch Cabbage

SPECIAL LARGE WAKEFIELD.

Sometimes called Norfolk Charleston Wakefield. (75 days.) The heads of our splendid market gardeners strain of this variety are much larger and less pointed than those of Early Jersey Wakefield, and are remarkably uniform, weighing from 4 to 5 lbs. A popular shipping variety in the south but equally good for the home garden. Pkt., 10c; 1/2 oz., 30c; oz., 45c; 1/4 lb., \$1.10; lb., \$2.75, postpaid.

BONANZA.

(75 days.) An outstanding variety that can be cut when only 2 lbs. in weight, or may be left until maturity at 4 lbs. The heads are almost round, very hard

and uniform, with possibly the shortest core of any Cabbage. Extremely slow in running to seed. Pkt., 20c; 1/2 oz., 90c; oz., \$1.60; 1/4 lb., \$4.00; lb., \$10.00, postpaid.

FERRY'S ROUND DUTCH.

(70 days.) A selection from Early Dwarf Flat Dutch, and a popular and splendid early variety of the highest quality. The heads are nearly round, weigh from 4 to 5 lbs., are very hard, and slow in running to seed. Equally good for the home or market. Pkt., 10c; 1/2 oz., 30c; oz., 55c; 1/4 lb., \$1.40; lb., \$3.50, postpaid.

COPENHAGEN MARKET.

(75 days.) This well known variety is equally good for market or the home garden. The heads are uniformly round, solid, weigh from 5 to 7 lbs., and are of splendid quality. Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., 90c; lb., \$2.25, postpaid.

ALL HEAD EARLY.

Also called Solid South and Faultless. (80 days.) One of the most popular second early varieties. The heads are slightly round, quite deep, solid, weight from 5 to 7 lbs., and are of splendid quality. Our strain is exceedingly uniform as to size and color. Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., 90c; lb., \$2.25, postpaid.

ALL SEASONS.

Sometimes called Succession and Vandegaw. (90 days.) This Cabbage is remarkable for its ability to stand hot sun and dry weather. The heads are round, somewhat flattened, very deep and average 8 to 9 lbs. A good sort for kraut. Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., 90c; lb., \$2.25, postpaid.



Copenhagen Market Cabbage

CABBAGE

FERRY'S HOLLANDER. (105 days.) A distinct type of Danish origin, with short stems, and one of the best late varieties. The heads are round, solid, most attractive, and reach a firm marketable size in 105 days. The heads reach maturity in about 120 days, and weigh from 6 to 7 lbs. They make excellent kraut, keep well in storage, and are equally good for home or market. (Crop Failed.)

PREMIUM FLAT DUTCH. Practically the same as Louisville Drumhead or Surehead. (100 days.) For those who prefer a large variety, we believe this to be the best and largest late Cabbage. It is of pleasing shape, extremely hardy, resisting extremes of heat and cold, drouth and moisture. The heads average from 8 to 10 lbs., are of splendid quality, and keep well. Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., 90c; lb., \$2.25, postpaid.

CHIEFTAIN DRUMHEAD SAVOY. (80 days.) An outstanding, and in our judgment, the best Savoy Cabbage. The heads average from 4 to 5 lbs., are nearly round, well formed, with well wrinkled leaves, and of excellent quality. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.20; lb., \$3.00, postpaid.

RED ACRE. (74 days.) One of the earliest red varieties. Plants small, compact, and short stemmed. Heads 4 to 6 lbs., round hard, deep red, and uniform in shape and color. Pkt., 15c; 1/2 oz., 50c; oz., 80c; 1/4 lb., \$2.00; lb., \$5.00, postpaid.

Remember, Tait's THOROBRED SEEDS have pleased the most particular truckers and market gardeners for over 80 years, and will please you also.

Yellows Resistant Varieties

The spread of "yellows" has greatly increased in recent years, and if your land has become infected, resistant varieties should be used. They have been much improved in trueness to type, and will produce good crops where non-resistant varieties could not be grown.



Ferry's Hollander Cabbage

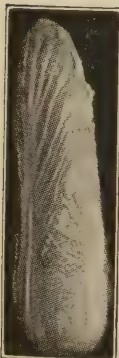
RESISTANT MARION MARKET. (75 days.) A resistant strain of Copenhagen Market, with heads averaging 5 to 6 pounds. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.20; lb., \$3.00, postpaid.

RESISTANT ALL HEAD. (80 days.) A resistant type of All Head with heads averaging from 6 to 7 pounds. Pkt., 10c; 1/2 oz., 30c; oz., 55c; 1/4 lb., \$1.40; lb., \$3.50, postpaid.

Chinese or Celery Cabbage

(75 days.) This is not a true Cabbage. In growth it somewhat resembles Cos Lettuce. While the seed may be sown in the spring, the tendency is to bolt, and not form heads, and best results are obtained when sown in July or August to mature before frost.

When cooked it is more palatable than ordinary Cabbage, but in the raw state, it makes excellent salad or slaw. A splendid vegetable which should be in every garden.



Michihli

MICHIHLI. (75 days.) A great improvement on Chi-hilli, with tall solid heads, and the best variety for home or market. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.20; lb., \$3.00, postpaid.

WONG BOK. A short, broad type, forming a tightly closed head. Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., 90c; lb., \$2.25, postpaid.



Wong Bok



Chieftain Drumhead Savoy Cabbage



Special Large Wakefield Cabbage

RESISTANT ALL SEASON. (95 days.) A resistant strain of this popular variety, with heads weighing from 8 to 10 lbs. A good variety for kraut. Pkt., 10c; 1/2 oz., 30c; oz., 55c; 1/4 lb., \$1.40; lb., \$3.50, postpaid.

RESISTANT WISCONSIN HOLLANDER No. 8. (100 days.) A resistant strain of Danish Ballhead, averaging 8 to 9 pounds. Pkt., 10c; 1/2 oz., 30c; oz., 55c; 1/4 lb., \$1.40; lb., \$3.50, postpaid.

RESISTANT JERSEY QUEEN.

(70 days.) A resistant Jersey Wakefield, averaging 2 1/2 to 3 pounds. Pkt., 10c; 1/2 oz., 30c; oz., 55c; 1/4 lb., \$1.40; lb., \$3.50, postpaid.

RESISTANT

GOLDEN ACRE.

(75 days.) A resistant strain of this popular, early round Cabbage averaging 2 3/4 to 3 1/4 pounds. Pkt., 10c; 1/2 oz., 30c; oz., 55c; 1/4 lb., \$1.40; lb., \$3.50, postpaid.

CARROTS

1 ounce will sow a row 100 feet long; 3 to 4 pounds will sow an acre.

Culture: Sow $\frac{1}{4}$ inch deep in light, rich, deeply cultivated soil, pressing the soil firmly over the seed. The rows may be from 12 to 24 inches apart, and when the seedlings are 2 inches high, thin out to 3 or 4 inches in the row. For the early crop, sow in February or March; for the late crop, sow in July or August.

IMPERATOR. (77 days.) For shape, color and quality, this is an outstanding Carrot. It has been bred for market and shipping, but is equally good for the home garden. It has medium tops, averages about 8 inches long, $2\frac{1}{4}$ inches at the shoulder, and tapers to a point. The skin is bright orange. The flesh about the same color, with little core, and so crisp, tender and sweet that it is often called "Tendersweet." Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.60, postpaid.

LONG CHANTENAY. (70 days.) Our market gardener strain of this popular Carrot is earlier and longer than the standard Chantenay, with good tops for bunching. The roots average 7 inches long, $2\frac{1}{4}$ inches at the shoulder, and taper to a blunt point. The skin is deep orange, the flesh is of the same color, with an indistinct core, fine grained and sweet. A splendid carrot either for market or the home garden. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.60, postpaid.

IMPROVED NANTES.

(68 days.) An attractive Carrot, excellent for growing under glass or in the open. The roots have short tops, average 7 inches long, $1\frac{1}{2}$ inches at the shoulder, and about the same size at the tip. The skin is brilliant orange; the flesh nearly the same color with indistinct core; and of splendid quality. Good for either home or the market garden. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 70c; lb., \$1.75, postpaid.

SUPREME DANVERS. (70 days.) One of the best all-purpose Carrots, and our market gardeners strain is longer than the original Danvers, and adapted to nearly all types of southern soil. The roots have good tops, average about 8 inches long, $1\frac{3}{4}$ inches at the shoulder, and taper to a blunt point. The skin is bright orange. The flesh is the same color, and of splendid quality. A good variety for home, market, storing or stock feeding. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.60, postpaid.



Long Chantenay Carrot

OXHEART.

(85 days.) The best variety for growing in soils too shallow or stiff for the longer type. It is heart-shaped, has small tops, averaging 4 inches long, 3 inches at the shoulder. The skin is bright orange, the flesh a trifle lighter, and of excellent quality, when small. A heavy yielder, keeps well, splendid for stock, and easy to harvest on account of its chunky shape. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.60, postpaid.

EARLY SCARLET

HORN.

(60 days.) Used principally for growing under glass. The roots have small tops, averaging $3\frac{1}{2}$ inches long, $1\frac{1}{2}$ inches at the shoulder, and taper to a blunt point. The skin is red-orange; the flesh a trifle lighter, and crisp and sweet. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.60, postpaid.

YELLOW BELGIAN.

(90 days.) Large heavy yielding variety grown exclusively for stock. The roots grow 10 to 14 inches long, and 3 or 4 inches at the shoulder, with pale yellow skin and flesh. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.60, postpaid.

IMPROVED LONG ORANGE.

(85 days.) For those who prefer a long Carrot, this is a desirable sort, but it should be planted only in a deep, mellow soil. It has large tops, and roots average about 12 inches long, $2\frac{1}{2}$ inches at the shoulder, tapering to a point. The skin is dark orange, the flesh yellow, with a distinct core, yet of fine quality. Good for either market or table when young, and stock feeding when mature. A heavy cropper and keeps well. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.60, postpaid.

CAULIFLOWER

One ounce will sow a row 100 feet long, and produce from 2500 to 3000 plants; four ounces will produce enough plants to set out an acre.

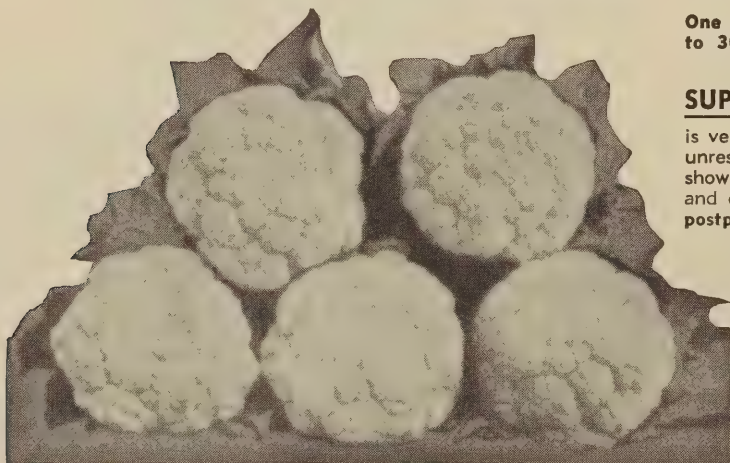
SUPER SNOWBALL. (90 days.) Probably the earliest variety, and our market gardeners strain is very sure heading. We recommend both this and Early Snowdrift unreservedly, but find that in different sections preference is often shown for one or the other, owing to the effects of various soils and climates. Pkt., 20c; $\frac{1}{2}$ oz., \$1.50; oz., \$2.90; $\frac{1}{4}$ lb., \$7.20, postpaid.

EARLY SNOWDRIFT.

(95 days.) A few days later than Super Snowball, but in our judgment the best Cauliflower for the latitude of Norfolk. The superiority which we claim for it is particularly shown in its earliness, certainty of heading, splendid quality and well-shaped large heads of snowy whiteness. Pkt., 20c; $\frac{1}{2}$ oz., \$1.50; oz., \$2.90; $\frac{1}{4}$ lb., \$7.20, postpaid.

DRY WEATHER.

(100 days.) Very similar to Danish Giant, and as its name implies is especially adapted to those sections which experience long seasons of hot, dry weather. Pkt., 20c; $\frac{1}{2}$ oz., \$1.50; oz., \$2.90; $\frac{1}{4}$ lb., \$7.20, postpaid.



Snowdrift Cauliflower

CELERY

One ounce will plant a row 100 feet long, and produce 3000 to 5000 plants;
4 ounces will produce enough plants to set out an acre.

Culture: The cultivation of Celery in a hot climate is attended with some difficulty, but in deep, rich soil good Celery can be grown if a little extra care is taken. In the latitude of Norfolk for an early crop, sow the seed in a greenhouse in January, and transplant to hotbeds in March. For a late crop, sow the seed in May, and set out in August. Celery seed is slow to germinate, so before sowing the seed, get the soil in as fine a condition as possible. Make rows 3 or 4 inches apart, and sow the seed evenly in the rows. Cover very lightly, barely covering the seed and press the soil firmly over the seed after sowing. The soil should be kept moist until the seed germinates. When set out in hotbeds the rows are usually 11 inches apart, and the plants 6 inches in the row. Hotbed Celery is blanched by being planted close together. When set in the field, the rows are 3 to 4 feet apart, and the plants 8 inches in the row. Field grown Celery is blanched by drawing the earth around the plants, or board or paper may be used. While Celery requires a lot of moisture, do not work the ground when the soil or the plants are wet, and when drawing the earth to the plants, care must be taken not to cover the top of the center shoot.

CORNELL No. 19. (100 days.) This splendid main crop self-blanching Celery is a cross between Golden Self Blanching and Utah. The edible stalks are 10 to 11 inches, smoothly ribbed; deeply rounded, and the flesh is sweet, tender, without strings, and of delicious flavor. It is resistant to "yellows" and adapted to either muck or upland. Height 25 inches. Pkt., 15c; ½ oz., 90c; oz., \$1.70; ¼ lb., \$4.20, postpaid.

RESISTANT GOLDEN PLUME. (85 days.) An attractive Celery highly resistant to Fusarium Yellows. The plants are full hearted. The edible portion of stalks is 8 inches, free from strings, and of splendid quality. Height 26 inches. Pkt., 15c; ½ oz., 90c; oz., \$1.70; ¼ lb., \$4.20, postpaid.

GOLDEN PLUME OR WONDERFUL. (110 days.) A desirable variety, resembling Golden Self Blanching. The plants are full hearted. The edible portion of stalks is 7 inches, blanches easily, and of excellent quality. Height 22 inches. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00, postpaid.

WHITE PLUME. (120 days.) An old favorite, with bright green foliage tinged with white, and a splendid Celery for late summer and early fall. The edible portion of stalks are 7 inches, blanches easily, and are of delicious nutty flavor. Height 20 inches. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00, postpaid.

GIANT PASCAL. (135 days.) A tall, late variety of the finest quality when properly blanched. The edible portion of the stalks is 7 inches, and blanches to a beautiful creamy white. Height 25 inches. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00, postpaid.

TALL NON-BOLTING GOLDEN PLUME. (90 days.) A tall strain of Golden Plume. Its tendency not to bolt to seed makes it valuable in the North for early crop, and in the South for spring crop. Edible portion to first joint, 9 inches. Recommended for sections where unfavorable weather conditions cause ordinary strains to bolt. Height 27 inches. Pkt., 15c; ½ oz., 90c; oz., \$1.70; ¼ lb., \$4.20, postpaid.

SUMMER PASCAL. (120 days.) A popular green Celery of splendid quality, with edible portion of stalk 8 to 9 inches. It blanches easily to a pure white. Rather brittle for long distance shipping. Height 20 inches. Pkt., 15c; ½ oz., 90c; oz., \$1.70; ¼ lb., \$4.20, postpaid.

SOUP CELERY. Old Celery seed used for flavoring purposes only. Oz., 10c; ¼ lb., 25c, postpaid.

CELERIAC

One ounce is sufficient for a row 100 feet long, and will produce 3000 to 4000 plants; 4 ounces will produce enough plants to set out an acre.

Culture: A species of Celery grown for its root. The seed may be sown at the same season, and given the same treatment as Celery, except there is no trenching or hilling required. When the roots have attained a diameter of 2 inches they are ready for use.

GIANT PRAGUE. (80 days.) The best variety, producing large tubers, nearly globular in shape. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$1.60, postpaid.

CHIVES

One ounce will plant a row 100 feet long.

A perennial onion-like plant esteemed for its very mild onion flavor. It may be sown in March or October. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00, postpaid.



Cornell No. 19



Resistant Golden Plume



Giant Prague Celeriac

SUGAR CORN

½ lb. will plant 100 feet in hills; 9 to 14 lbs. for an acre.

Culture: Corn may be grown in almost any soil, provided it is well drained, reasonably fertile, deeply dug and well fertilized. Plant in rows 3 to 4 feet apart dropping 3 or 4 grains 15 to 18 inches in the row. When 4 or 5 inches high, thin to 1 or 2 stalks to the hill, according to the richness of the land. Frequent very shallow cultivation is essential until the tassel appears, and then "laid-by." In the latitude of Norfolk, Garden Corn may be planted the last week in March, but Sugar Corn should not be planted until the middle of April. For a succession, plant every two weeks until the 15th of July.

Hybrid Sugar Corns

All gardeners should use hybrid sugar corn.

The greatest improvement is being made in hybrid sugar corn, and they should be planted in preference to the open pollinated varieties, as they have a deeper root system, out-yield open pollinated varieties, and are resistant to many corn diseases. They also have heavier husks which are a protection against corn ear worms.

ARISTOGOLD BANTAM EVERGREEN. (87 days.) This handsome hybrid corn is in great favor with both home and market gardeners. The stalks grow 7 to 8 feet high, bearing ears 9 to 10 inches long, with 16 to 18 rows of golden yellow kernels of exceptionally good quality. Resistant to ear worm and "smut." Pkt., 15c; ½ lb., 45c; lb., 85c; 2 lbs., \$1.45; 5 lbs., \$3.05; 10 lbs., \$5.50, postpaid.

IOANA. (80 days.) A popular variety, highly resistant to drought and wilt. Stalks grow 7 ft. high, bearing ears 8 ins. long with 12 to 14 rows of delicious light yellow grains. Good for canning or market. Pkt., 15c; ½ lb., 40c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$2.60; 10 lbs., \$4.60, postpaid.

GOLDEN CROSS BANTAM. (80 days.) Very uniform in habit of growth, size and maturity. The stalks grow about 6 feet bearing ears 8 inches long with 12 to 14 rows of deliciously sweet, light, yellow grains. Pkt., 15c; ½ lb., 40c; lb., 75c; 2 lbs., \$1.25; 5 lbs., \$2.60; 10 lbs., \$4.60, postpaid.

CARMELCROSS. (72 days.) A desirable second early variety well liked by many market gardeners. The stalks grow about 6 feet tall, with few suckers, bearing ears 7½ to 8 ins. long, with 10 to 12 rows of medium yellow grain of good quality. Pkt., 15c; ½ lb., 40c; lb., 80c; 2 lbs., \$1.35; 5 lbs., \$2.80; 10 lbs., \$5.00, postpaid.

IOCHIEF. (85 days.) This sturdy hybrid has a heavy stalk, grows about 6 ft. in height, and has very few suckers. It bears large ears, with 14 to 16 rows of slender, deep golden grain of delicious flavor. It is equally good for home, market, canning or freezing. Pkt., 15c; ½ lb., 45c; lb., 85c; 2 lbs., \$1.45; 5 lbs., \$3.05; 10 lbs., \$5.50, postpaid.

IOGREEN No. 56. (80 days.) This white hybrid is becoming more popular each year. The stalks grow about 7 ft. high, bearing stocky ears 7 to 8 inches long, with 16 to 18 rows of medium white kernels. In our trials has proven to be possibly the best white hybrid corn for roasting ears or canning. Pkt., 15c; ½ lb., 45c; lb., 85c; 2 lbs., \$1.45; 5 lbs., \$3.05; 10 lbs., \$5.50, postpaid.

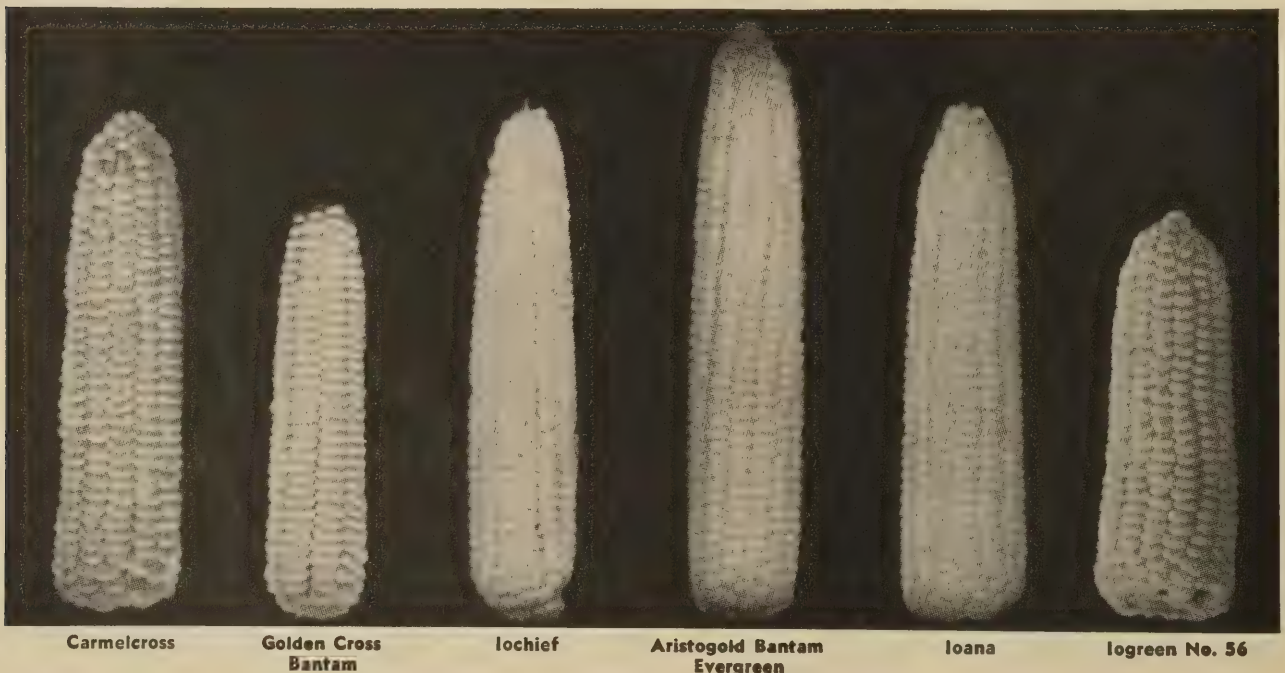
Open Pollenated Sugar Corns

COUNTRY GENTLEMAN. (85 days.) Sometimes called "Shoe Peg" because of the irregular formation of the grains on the cob. The stalk grows about 6 feet high, bearing ears 7 to 7½ inches long. It is a very prolific sort of splendid quality and good for either home gardeners, market gardeners, or canners. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.05; 10 lbs., \$3.50, postpaid.

GOLDEN BANTAM. (72 days.) Still the favorite with many home and market gardeners. Our special stock grows 5 to 6 feet high, bearing ears 7 to 8 inches long, with 8 rows of delicious golden yellow corn to the ear. One of the sweetest of corns, and of the best quality. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.00; 10 lbs., \$3.40, postpaid.

STOWELL'S EVERGREEN. (80 days.) An old favorite with home gardeners, market gardeners, and canners for the main crop. It remains in the green state for a longer time than most Sugar Corns—hence its name "Evergreen." The stalks grow about 8 feet high, bearing ears 8 to 9 inches long, with 14 to 16 rows to the ear. The grains are broad, deep and of excellent quality. The best Sugar Corn for the South. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.05; 10 lbs., \$3.50, postpaid.

GOLDEN EVERGREEN. (95 days.) For those who like a larger ear than Golden Bantam, this is a splendid sort. The stalks grow about 8 ft. high, bearing ears 8 ins. long, with 14 to 16 rows of delicious golden grains. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.05; 10 lbs., \$3.50, postpaid.



Carmelcross

Golden Cross
Bantam

Iochief

Aristogold Bantam
Evergreen

Ioana

Iogreen No. 56

GARDEN CORN

The varieties on this page are not sugar corns. They are hardier, can be planted earlier and if pulled when young and tender, make splendid roasting ears.

EXTRA EARLY ADAMS. (57 days.) The earliest white garden Corn. The ears are 5 to 6 inches long, with 12 rows of broad, rather shallow grains. It should be grown only in rich land that has been heavily fertilized. Height 4½ feet. Pkt., 15c; ½ lb., 30c; lb., 60c; 2 lbs., 95c; 5 lbs., \$1.80; 10 lbs., \$3.00, postpaid.

BLAND'S EXTRA EARLY. (60 days.) The best early white variety for southern market gardeners. The ears are 6 inches long, with 12 rows of attractive pearly white grains. Height 5 feet. Should be grown only on rich land. Pkt., 15c; ½ lb., 30c; lb., 60c; 2 lbs., 95c; 5 lbs., \$1.80; 10 lbs., \$3.00, postpaid.

IMPROVED BIG ADAMS. (68 days.) A well known White Dent Corn with ears 8 or 9 inches long, and 12 rows of pointed grain. Height 6 feet. Pkt., 15c; ½ lb., 30c; lb., 60c; 2 lbs., 90c; 5 lbs., \$1.70; 10 lbs., \$2.80, postpaid.

TAIT'S NORFOLK MARKET. (73 days.) Introduced by us—buy this variety under our seal to be certain of getting the **GENUINE** Norfolk Market. It is the handsomest of all Sweet Corns, and largely grown by market gardeners from Norfolk to Florida. The stalks grow about 6 feet high, bearing 2 ears 8 to 9 inches long, with 12 rows to the ear. The quality is exceptionally good for a Sweet Corn. Pkt., 15c; ½ lb., 30c; lb., 55c; 2 lbs., 85c; 5 lbs., \$1.60; 10 lbs., \$2.60, postpaid.

TRUCKER'S FAVORITE. (75 days.) A popular white Dent. early dried Corn, but for roasting ears it is not as early and the quality is not as good as our Norfolk Market. The stalks grow 6 feet high, usually bearing 2 ears 8 to 9 inches long, with 14 rows to the ear. Our stock is from the originator, and is superior to most corns offered under this name. Pkt., 15c; ½ lb., 30c; lb., 55c; 2 lbs., 85c; 5 lbs., \$1.60; 10 lbs., \$2.60, postpaid.

SILVER KING. (75 days.) This early white corn grows 6 to 8 feet high, bearing long ears with 14 to 16 rows of deep grains on a small cob and is often used in the South for roasting ears. Pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 80c; 5 lbs., \$1.35; 10 lbs., \$2.10, postpaid.

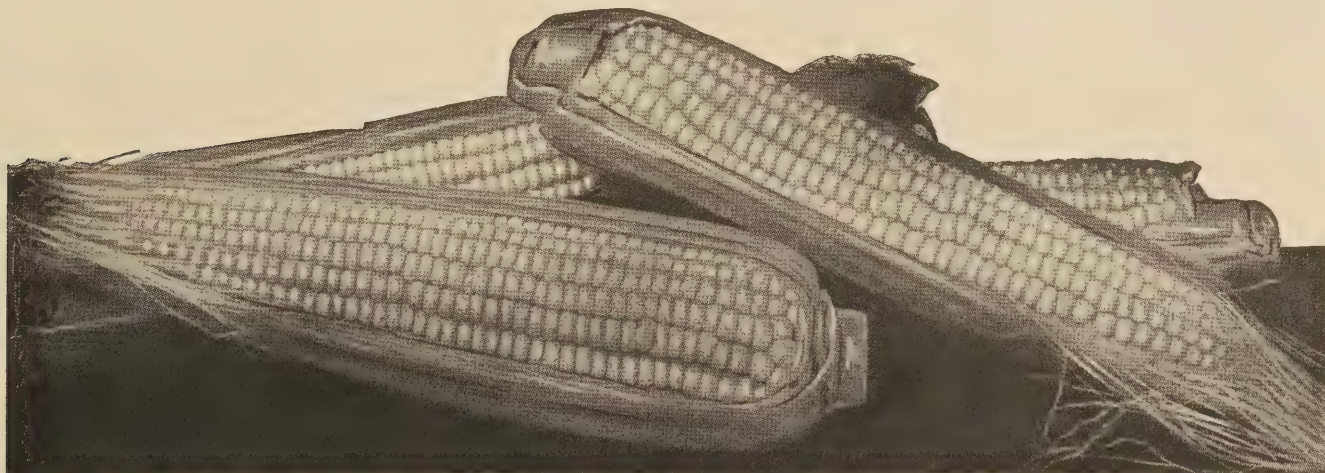
SILVER MINE. (75 days.) An early white corn that grows 7 or 8 ft. high, bearing large ears with 14 to 16 rows of fairly deep grain. It is often used in the south for roasting ears. Pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 80c; 5 lbs., \$1.35; 10 lbs., \$2.10, postpaid.

SNOWFLAKE. (85 days.) A selection from White Dent, which matures a little later than Silver King or Silver Mine, but with larger ear and deeper grains. A splendid sort for meal, and often used in the south for roasting ears. Pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 80c; 5 lbs., \$1.35; 10 lbs., \$2.10, postpaid.

POP CORN

WHITE RICE. (110 days.) A well known early white variety with pointed grains. The stalks grow 5 feet high with ears 6 to 8 inches long. Since the introduction of South American Dynamite, this variety has become less popular. Pkt., 15c; ½ lb., 30c; lb., 55c; 2 lbs., 85c; 5 lbs., \$1.60; 10 lbs., \$2.60, postpaid.

SOUTH AMERICAN DYNAMITE. (115 days.) A splendid yellow variety that pops to an attractive light cream color, and is of the best quality. The stalk grows 5 feet high, producing usually two ears 7 inches long. The most popular sort for commercial poppers. Pkt., 15c; ½ lb., 30c; lb., 60c; 2 lbs., 95c; 5 lbs., \$1.80; 10 lbs., \$3.00, postpaid.



Tait's Norfolk Market Corn

CROW REPELLENT. Protect your corn from damage by crows, woodchucks and other corn pulling birds and animals. It is non-poisonous. ½ pt. can, 80c (treats 1 bu. of seed); pt. can, \$1.25, postpaid. Order with your seed.

ARASAN. Corn should be treated and Arasan is the best disinfectant for treating corn. 2 ozs. will treat 100 lbs. ¾ oz., 30c; 8 oz., \$1.15; 2 lbs., \$3.65, postpaid.

CHICORY

WITLOOF. (110 days.) Sometimes called "French Endive" and grown principally for the roots, which when forced, produce a popular salad. The roots are grown during the summer, and forced in the fall and winter. The parsnip-like roots are dug in the fall. The tops are cut off within an inch of the crown, and are trimmed to a uniform length of 9 inches. To force, the roots are set 2 inches apart, and covered with soil. If a quick growth is desired, mulch with fresh manure. Water twice a week, and keep at a temperature of about 70°. The new leaf growth forms a compact head similar in shape to Cos Lettuce. 1 ounce will sow a row 100 feet long; 3 to 5 pounds for an acre. Sow in the early spring 1/2 inch deep in rows 18 inches apart, and thin the plants to 4 inches in the row. Pkt., 10c; oz., 90c; 1/4 lb., \$2.00, postpaid.

ASPARAGUS CHICORY. (Ciccoria Catalogna.) Also called Italian Dandelion. (65 days.) This variety is an annual and sometimes called "Italian Dandelion," and may be cut several times in a season as the new shoots appear. Plant medium thin, one-half inch deep, from the middle of July to the middle of August in 3-foot rows, leaving ten inches between the plants. The cutting must be through before freezing weather. One ounce will sow a row 100 feet long; 3 lbs. will sow an acre. Pkt., 15c; 1/2 oz., 70c; oz., \$1.35; 1/4 lb., \$3.00, postpaid.



Witloof Chicory
(French Endive)

COLLARDS

One ounce will plant a row 100 feet long; four ounces will produce sufficient plants to set an acre.

Culture: Sow from March to August either in beds to be transplanted when large enough, or in rows where the plants are to stand. The rows should be at least 3 feet apart, allowing 24 to 30 inches between the plants in the row. Cultivation same as for cabbage.

We urge all growers of Collards to use Vates Non-Heading and Tait's Heading Collards.

VATES. (75 days.) Developed at the Virginia Truck Experiment Station. from a cross between Wonder and Heading Collard. The leaves are darker in color than Wonder, are a trifle thicker, and have a waxy bloom. It is exceedingly hardy, and is preferred by canners because it has practically no purple tinge in stem or leaf. Pkt., 10c; oz., 30c; 1/4 lb., 80c; lb., \$2.00, postpaid.

TAIT'S HEADING. (75 days.) A cross between Wakefield Cabbage and Southern Collard. A large percentage produces soft heads, formed by the folding of the center leaves. See illustration. Pkt., 10c; oz., 30c; 1/4 lb., 80c; lb., \$2.00, postpaid.

SOUTHERN SHORT STEM. (or North Carolina Short Stem.) (80 days.) The best known non-heading Collard, and in the South will thrive under conditions where it would be almost impossible to grow cabbage. Height 2 feet. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.50, postpaid.

WHITE CABBAGE. (80 days.) A popular non-heading variety similar in appearance to Southern Short Stem. Height 2 feet. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.50, postpaid.



Vates Collard (Non-Heading)

CORN SALAD

Two ounces will plant a row 100 feet long

A hardy plant, forming rosettes of tender, edible leaves, and sometimes called "Lamb's Lettuce." It is used for greens, like spinach, or as a salad. It can be sown in the spring and will mature in 60 days, or in the Fall, and will winter over like Spinach, if given a little protection. Sow 1/2 inch deep in rows 12 to 18 inches apart, pressing the soil firmly over the seed. When the plants are large enough, thin out to 6 inches in the row. Cultivation same as for spinach.

BROAD LEAVED. (45 days.) Pkt., 10c; oz., 30c; 1/4 lb., 80c, postpaid.

CRESS

UPLAND. (60 days.) This variety stays green the year round, and has a flavor similar to Water Cress. It can be used for "greens" like Spinach, or as a salad. Sow 1/4 inch deep in rows 12 to 18 inches apart, either in the spring or fall, and when the plants are large enough, thin out so as to stand 6 inches apart. 1 ounce will plant a row 100 feet long; 3 to 5 pounds will sow an acre. Pkt., 10c; oz., 30c; 1/4 lb., 80c; lb., \$2.00, postpaid.

WATER CRESS. (60 days.) A distinct variety with small oval leaves of a delicious piquant flavor. Does best when sown lightly in the early spring along the edges of creeks or shallow running streams, but may be readily grown in any moist soil or in a damp hotbed of moderate temperature. Often grows luxuriantly in ordinary ditches where the soil never becomes dry and hard. One ounce will produce 3000 plants. Pkt., 15c; 1/2 oz., 90c; oz., \$1.60; 1/4 lb., \$4.00, postpaid.



Tait's Heading Collard

CUCUMBER

1 ounce will plant 100 feet in hills; 2 to 4 lbs., for an acre; 10 to 15 lbs., when drilled.

Culture: Cucumbers may be sown from April until August, but for the main crop the seed should be sown in the open ground as soon as danger of frost is past. While the usual way of sowing is to put the seed in hills 4 by 6 feet, the method employed around Norfolk is to drill the seed three-fourths of an inch deep in rows 6 feet apart, between garden peas, which act as a shelter, and thinned to 3 or 4 plants in the hill, 12 inches apart. The young plants are often attacked by insects, and should not be thinned out until they are large enough to be safe. The Cucumbers should be gathered as fast as they are produced, whether they are wanted or not, as the vines will otherwise cease to bear.

A & C. (62 days.) No cucumber is more attractive than our Improved market gardener strain of this popular variety. The nearly perfect shaped fruit is 8 to 9 inches in length by $2\frac{1}{4}$ inches in diameter, with small seed cavity and delicious crisp, flesh. The skin is of the darkest green color, which is retained over a long period. The vines are robust, quite resistant to disease. Equally good for the home gardener, market gardner, or for shipping. **Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.00; postpaid.**

MARKETER. (63 days.) The uniform shape and rich, deep skin combine to make this a splendid cucumber. The fruit is 8 to 9 inches in length by $2\frac{1}{4}$ inches in diameter, slightly tapered at the end, with a small seed cavity and tender crisp flesh. Equally good for the home garden, market garden, or for shipping. **Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.00, postpaid.**

PALMETTO. (67 days.) This variety was developed at Clemson College Experiment Station in South Carolina. The fruit is 8 to 9 inches in length; slightly pointed at the ends; with deep green skin, small seed cavity and crisp flesh. The vines are vigorous, and highly resistant to downy mildew. Should be tried by all growers who have had trouble in growing cucumbers on account of downy mildew. **Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.30; lb., \$3.25, postpaid.**

STRAIGHT 8. (65 days.) A splendid variety, very symmetrical, with well rounded ends and dark green skin. The fruit is 8 to 9 inches in length by $2\frac{1}{4}$ inches in diameter, with crisp tender flesh. Equally good for the home garden, market garden or for shipping. **Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.00, postpaid.**

HYBRID EARLY SURE CROP

All America Bronze Medal Winner for 1951

(63 days.) This new early Cucumber is of good shape and color, and is free from Mosaic and Mildew. Should be tried wherever these diseases are prevalent. **Pkt., (approximately 30 seeds) 25c; $\frac{1}{4}$ oz., 95c; $\frac{1}{2}$ oz., \$1.80; oz., \$3.50, postpaid.**

Use
Cuke and Melon Dust
For Cucumber Beetles, Wilt, Scab, Mildew, and Leaf Spot
On Cucumbers
(see page 72)

A & C
A splendid
Long Green
Cucumber



A & C
A splendid
Long Green
Cucumber

NATIONAL PICKLER. (56 days.)

A splendid pickling strain developed at the Michigan Agricultural College, in collaboration with the National Pickle Packers Association. The fruit is 5 to 6 inches in length by $2\frac{1}{2}$ inches in diameter, full ended with medium green skin. **Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 70c; lb., \$1.75, postpaid.**

PRODUCER. (55 days.) A distinct pickling cucumber that bears a high percentage of female flowers, and is very prolific. The fruit is 5 to 6 inches in length by $2\frac{1}{2}$ inches in diameter, blunt ends, and bright green skin. **Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 70c; lb., \$1.75, postpaid.**

JAPANESE CLIMBING. (65 days.) In home gardens where space is limited, this variety can be grown on a pole or trellis. The fruit often grow a foot long, with dark green skin, and has crisp and tender flesh. **Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., 90c; lb., \$2.25, postpaid.**

WEST INDIA GHERKIN. Also called "Burr Cucumber." (63 days.) This is not a true cucumber, and is grown exclusively for pickles. The oval shaped fruits are 2 inches long by 1 inch in diameter, with pale green skin with prickly spines. **Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$2.25, postpaid.**

Marketer
Cucumber



Marketer
Cucumber

DANDELION

One ounce will plant a row 100 feet long; 4 to 6 lbs. for an acre.

EARLY CABBAGING. This variety of Dandelion is a perennial and can be cut very early in the spring, as the leaves are among the first to appear. Sow one-half inch deep in July or August in rows 18 inches apart, leaving 9 to 12 inches between the plants. Cultivate well throughout the growing season, and do not attempt to cut at all until the following spring. An improved thick leaf variety and the favorite with the market gardeners. The thick, fleshy leaves are of especially good flavor, blanching almost naturally. Pkt., 15c; ½ oz., 50c; oz., 85c; ¼ lb., \$2.10, postpaid.

ITALIAN DANDELION. (See Asparagus Chicory, Ciccioria Catalogna, Page 14.)

DILL

(*Anthemum Graveolens*.) An annual with seeds of the peculiar pungent taste, often added to pickling cucumbers to heighten the flavor. Pkt., 10c; oz., 25c; ¼ lb., 55c, postpaid.

EGGPLANT

One ounce will plant a row 100 feet long; 6 ounces will produce sufficient plants to set an acre.

Culture: As the seeds are not of vigorous germination and require much greater heat than is necessary or desirable for other plants, they should be carefully sown in a greenhouse or specially prepared hotbed. Sow one-fourth of an inch deep in February or early March. When 2 or 3 inches high, set the plants out in small pots to induce stockiness, and if possible, transplant again into a larger size, since with every transfer, the plant gains strength. Our Norfolk growers use a basket about 6 inches square, without a bottom, made by folding a slat that comes for that purpose, so as to be easily removed when the plants are set in the field. Do not risk setting out the plants in the open ground too early, as a single cold night will sometimes seriously check the growth and probably cause the first blossoms to drop. When the weather has turned permanently warm, set them in the field in rows 4 feet wide, leaving 3 feet between plants. Outdoor sowing should not be made before May.

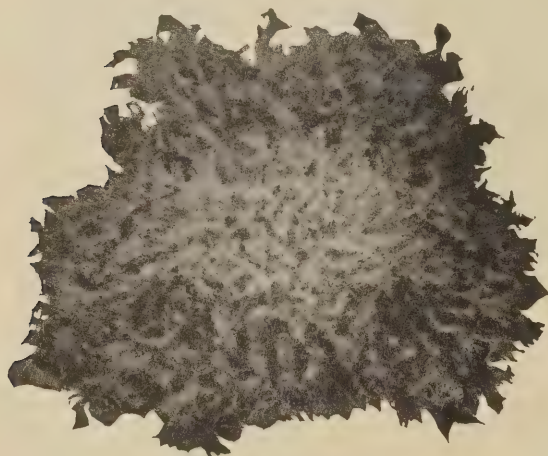


Black Beauty Eggplant

BLACK BEAUTY. (80 days.) The most popular variety and especially valued on account of its earliness. The fruit is somewhat egg-shaped, and the color such a rich dark purple that the name of "Black Beauty" is quite justified. It holds its color well in shipping. Pkt., 15c; ½ oz., 50c; oz., 95c; ¼ lb., \$2.40, postpaid.

FLORIDA HIGH BUSH. (85 days.) A tall growing variety, quite resistant to drought and root rot, bearing elongated fruits of a deep purple color. It stands shipping well, and is liked by many southern growers. Pkt., 15c; ½ oz., 50c; oz., 95c; ¼ lb., \$2.40, postpaid.

FORT MYERS MARKET. (83 days.) This variety was developed for the far south. The plants are tall, vigorous quite resistant to disease, and carry the fruits off the ground. The long black oval fruits have no neck at the stem end, and produce over a long season. Pkt., 15c; ½ oz., 50c; oz., 95c; ¼ lb., \$2.40, postpaid.



Green Curled Endive

ENDIVE

One ounce will plant a row 100 feet long; 4 lbs. for an acre.

One pound will produce enough plants to set an acre.

Culture: Sow one-fourth inch deep from April to Sept., in 18-inch rows; thin plants when about 2 inches high to 10 inches in the row. Cultivate about the same as lettuce.

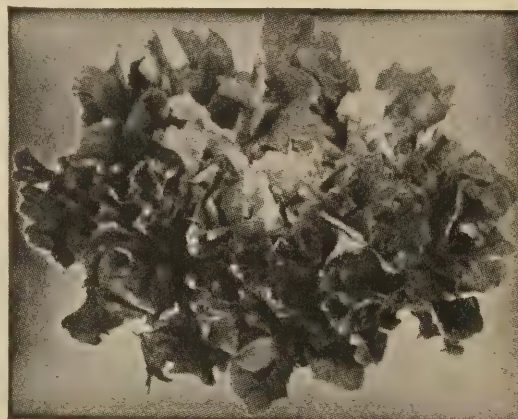
FULL HEART BATAVIAN. (85 days.) A distinctly improved form of broad leaf Batavian or Escarolle. The heads are 18 inches across, with deep, full, compact, well blanching hearts of infolded thick broad leaves of splendid quality. Pkt., 10c; oz., 25c; ¼ lb., 60c, postpaid.

GREEN CURLED. (90 days.) The standard variety, very hardy, with deep green leaves that do not require tying up to blanch. Pkt., 10c; oz., 25c; ¼ lb., 60c, postpaid.

WHITE CURLED. (95 days.) Very similar to Green Curled, but with light green leaves that do not require tying up to blanch. Pkt., 10c; oz., 25c; ¼ lb., 60c, postpaid.

FLORENCE FENNEL (Finnocchio)

A delicious vegetable which tastes quite like celery, but sweeter and more delicate in flavor. Sow at intervals from March to July ½ an inch deep, and 18 inches apart, and when the plants are large enough, thin to 8 inches in the row and cultivate frequently. The enlarged leaf-bases are usually boiled in preparation for the table, but the bottom and stalk are blanched by drawing the earth up to them like celery. This is usually done when the enlargement of leaf stalk at base is about the size of a hen's egg, and in about 10 days cutting may begin and continue as the plants increase in growth. Pkt., 10c; oz., 45c; ¼ lb., \$1.00, postpaid.



Full Heart Batavian Endive

HORSE RADISH

MALINER KREN. A remarkable Bohemian variety with enormous roots that are almost pure white, and of peculiarly fine flavor. Dozen, 75c; 100, \$4.50, postpaid.

GHERKIN. (See Cucumber.)

HANOVER. (See Smooth Kale.)

KALE

One ounce will plant a row 100 feet long; 2 lbs. per acre for Green Siberian, Long Seasons or Smooth; 5 lbs. per acre for Scotch.

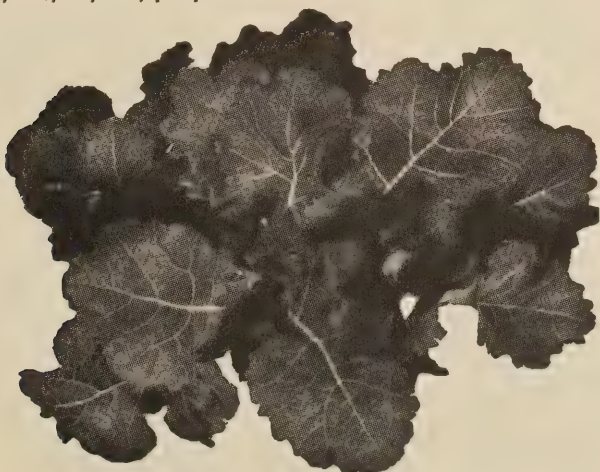
Culture: Scotch Kale being particularly subject to the attacks of insects, both before and after coming up, it is necessary to sow it very thickly. Scotch Kale should be sown from the middle of July to the middle of August, and the Green Curled from the middle of August until the first of October. Plain Kale is sown nearly all the year round, either in drills or broadcast, and should be sown at intervals of 10 days in order to always have it tender. Sow one-half inch deep in rows 2½ feet apart, allowing from 6 to 12 inches between the plants, and cultivate as cabbage. Kale being a very strong feeder, heavy manuring is necessary to make a good crop.

DWARF BLUE CURLED SCOTCH. (55 days.) The leaves of our market garden-er's strain of this handsome dwarf Kale are of the **darkest, bluish green color**, from which it gets its name, very much more attractive than the bright green of the Green Scotch Kale. The leaves are intricately and most beautifully curled, stand for a longer time in the spring before turning yellow, and commands a higher price in all markets. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.



Dwarf Blue Curled Scotch Kale
(The Darkest Green Scotch Kale)

SMOOTH. Sometimes called Early Hanover Salad or Spring Sprouts. Our refined strain which we have developed and grow for critical market garden trade has come to universal cultivation in the south, and is splendid for early "greens." The plant has thick, smooth, round leaves, which when young and tender, have a sweeter taste than any other kind of Kale. The growth is so rapid that it can be cut in three or four weeks from time of seeding, and is rather slow in running to seed. Although usually sown in the early spring, it may be sown in the early or late fall, as it will stand cold weather. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 75c, postpaid.



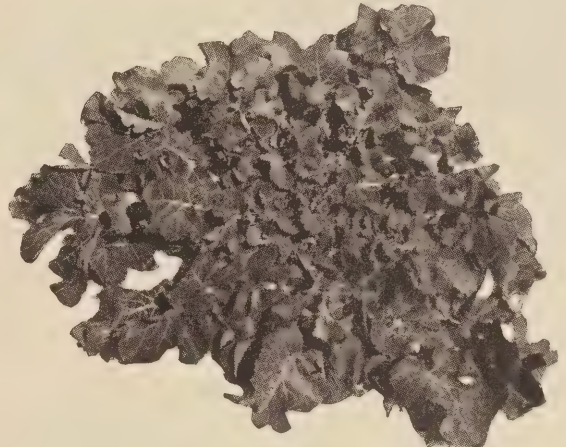
Smooth Kale or Early Hanover



Favorite Curled Late Seeding Siberian Kale

LONG SEASONS. Sometimes called Late Hanover. (75 days.) A hardy, slow growing smooth kale with notched or indented leaves. It is usually sown in August and September for cutting the following spring, but when sown in August under favorable conditions, it may be cut in the late fall. It can be cut for market long after other varieties of Kale and "greens" have gone to seed. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

FAVORITE CURLED SIBERIAN. (60 days.) A hardy rapid growing and productive with bluish green foliage. Our market gardener strain is very slow running to seed in the spring. The shape and curling of the leaf give it the appearance of an immense feather. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.



Long Season or Late Hanover Kale

KOHL-RABI

(or Turnip-Rooted Cabbage)

One ounce is sufficient for 100 feet of drill. For an acre, 1½ lbs.

EARLY WHITE VIENNA. The best variety of this useful vegetable, the edible part of which is the enlarged globe-shaped stem. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.40, postpaid.

LEEK

One ounce is sufficient for 100 feet of drill; 4 to 6 pounds for an acre. Sow in February and March in drills ½ an inch deep and 9 inches apart, selecting light rich moist soil. When 6 or 8 inches high, trim off the tops and roots, and transplant 6 inches apart in 18-inch rows setting the plants in the ground up to their center leaves, and earth up to blanch the necks.

MONSTROUS CARENTAN. This will be found a very superior and hardy variety for market gardeners. The stems are a trifle shorter than those of the American Flag, but broader and thicker. Good for either home or market. Pkt., 15c; oz., 65c; ¼ lb., \$1.60, postpaid.

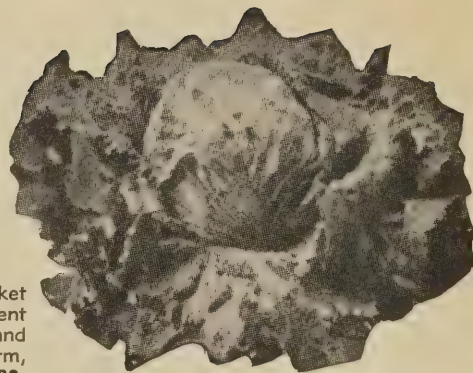
LETTUCE

One ounce will plant a row 100 feet long; 8 ounces will produce sufficient plants to set an acre.

Culture: To grow Lettuce successfully requires rich soil, plenty of moisture, thorough cultivation, and cool weather. In the latitude of Norfolk, for an early crop, sow one-fourth inch deep in cold frames in December, or out-of-doors from the last week in March to the first week in May. For late crop, sow in August. The seed is usually sown in rows 18 inches apart, but the truckers around Norfolk sow it on beds 4 feet wide, 4 rows to the bed, using 3 lbs. to the acre.

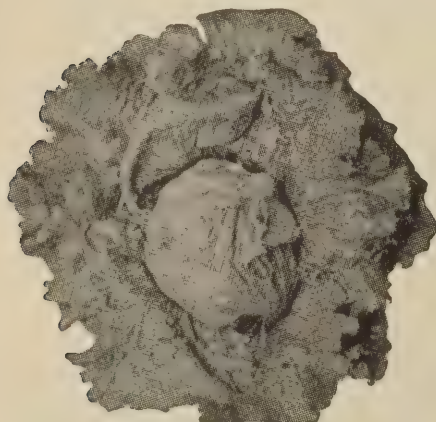
Heading Varieties

GREAT LAKES. (82 days.) Selected for greater uniformity and color, our market gardeners strain of this popular lettuce is "tops." It has sufficient leaves to protect the heads as they develop; is sure heading; resistant to tip-burn, and stands up well under hot weather. The plants are vigorous, and the heads are large, firm, well folded, with crisp, brittle texture. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$1.80; lb., \$4.50, postpaid.



Great Lakes Lettuce

IMPERIAL No. 44. (80 days.) Our market gardeners strain of this splendid variety of the New York or Iceburg type, has proven to be the best sort for the South and Southeast. The large, well formed heads are medium dark green, quite solid, and resistant to tip-burn. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.30; lb., \$3.25, postpaid.



Imperial No. 44 Lettuce

IMPERIAL No. 847.

(60 days.) Quite similar to No. 44, but black seeded. Pkt., 10c; oz., 50c; ¼ lb., \$1.20; lb., \$3.00, postpaid.

NEW YORK SPECIAL No. 12

(80 days.) An early, sure heading strain of the popular New York Lettuce. More adapted to summer weather than the original strain. Forms somewhat flat, exposed heads with rather light green, thin leaves. Pkt., 10c; oz., 50c; ¼ lb., \$1.20; lb., \$3.00, postpaid.

ICEBURG. Also called Giant Crystal Head. (80 days.) A popular curled or crisp heading variety for either market or the home garden. The heads are large, well folded, white inside, crisp, sweet and tender. The outside leaves are light green, slightly edged brown. Resistant to brown blight and tip burn and stands up well in hot weather. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00; lb., \$2.50, postpaid.

MAY KING. (68 days.) Possibly the earliest of the butterhead type Lettuce. Equally good for under glass or in the open ground. The outside leaves are bright green, slightly edged with brown. The heads are of medium size, folded tightly, of a rich creamy tint, and of splendid quality. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00; lb., \$2.50, postpaid.



Dark Green Cos Lettuce

WHITE BOSTON.

Also called Unrivalled. (75 days.) A cabbage butterhead type, quite similar to Big Boston, with smooth, light green leaves, straight on the edges, without any brown tinge. The heart is cream colored and of good quality. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

BIG BOSTON. Also called Trocadero. (75 days.) This well known cabbage butterhead type variety has glossy plain medium green leaves, edged with brown. The heads are well folded, quite firm, with creamy heart and of good quality. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

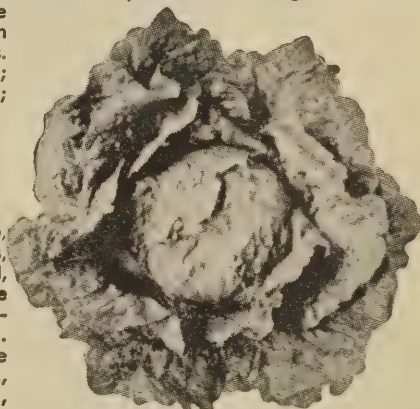
BIBB Sometimes called Kentucky Bibb. (60 days.) A small head lettuce with deep green outer leaves and rich yellow heart. Usually crisp and tender and of a rather distinct flavor. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

Loose-Leaf Varieties

SLOBOLT LETTUCE. (50 days.) An open head lettuce on the order of Grand Rapids, which has been bred to stand considerable heat before running to seed. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

GRAND RAPIDS. (50 days.) The most popular loose-leaved variety. Hardy, of quick growth, and especially fine for greenhouse forcing. It forms loose clusters of large, thin, bright green savoyed leaves crimped at the edges. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

OAKLEAF. (40 days.) An old variety regaining popularity because of its tender texture and ability to withstand heat without getting bitter. The plant forms a tight bunch or rosette or indefinite head of medium green oakleaf-shaped leaves. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00; lb., \$2.50, postpaid.



Summer Iceberg Lettuce

BLACK SEEDED SIMPSON.

(50 days.) Broad, crisp, light green leaves, frilled and crumpled, make this one of the most attractive varieties for early planting. Widely grown in home gardens. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

SALAD BOWL. (75 days.) All American Gold Medal Winner for 1952. A splendid home garden lettuce with long loose medium green, deeply cut leaves of excellent quality. Slow in running to seed. Pkt., 25c; ½ oz., 60c; oz., \$1.10; ¼ lb., \$2.75, postpaid.

Romaine or Cos Lettuce

DARK GREEN. (55 days.) A popular variety with large well-folded heads. The outer leaves of our market gardeners strain are of a rich, dark green color, which makes it unusually attractive. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

WHITE PARIS OR TRIANON. (55 days.) A large, upright, quick-growing, self-blanching variety with large, crisp heads of splendid flavor. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

CHICKEN LETTUCE. (55 days.) This Lettuce is relished by poultry and rabbits, it grows 3 to 4 feet in height and produces an enormous quantity of green feed. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

MUSKMELONS

One-half ounce will plant a row of 100 feet in hills; 1½ to 2 lbs., for an acre in hills.

Culture: The melon delights in warm, rich soil with perfect drainage, and they can never be grown to perfection under unfavorable conditions. Plant ¾ of an inch deep from April to June in rows 6 feet apart, leaving not less than 4 feet between the hills, putting about 10 seeds to the hill. As insects are often very destructive, it is best not to thin at all until the plants are well started. When they are large enough to be safe, thin to two in a hill, and keep the ground mellow and free from weeds. For an early crop, sow under Hotkaps. (See page 65.)

Salmon Fleshed Varieties

JUMBO HALE'S BEST. (Original Strain.) (68 days.) A popular large early melon with both home and market gardeners. The fruits average four to five pounds, are nearly round, with a yellowish green skin, so densely covered with netting as to show little ribbing. The deep salmon flesh is thick, fine grained and sweet, and of excellent quality. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.



Jumbo Hale's Best Muskmelon

HALE'S BEST No. 36. (65 days.) An improved strain of Jumbo Hale's. A trifle earlier, smaller, and with a smaller seed cavity. The fruits are nearly round, and have such a heavy netting they show very little ribbing, and weigh from 3 to 4 lbs. Deep salmon flesh, fine grained, sweet and of splendid quality. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

PRIDE OF WISCONSIN. Also called Queen of Colorado. (85 days.) A good melon for home or market. The oval shaped fruits average 3½ to 4 pounds and have a pearly gray, hard tough rind, with sparse heavy netting and small seed cavity. Flesh rich orange, very sweet, and of good flavor. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

DELICIOUS. Early Bender. (80 days.) This variety is quite similar to the original Bender's Surprise, but earlier, and of superior quality. The fruits average 4 to 5 lbs., are slightly flattened at the ends, have prominent ribs with coarse netting, and are creamy green at maturity. The flesh is bright salmon, thick, and of delicious flavor. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

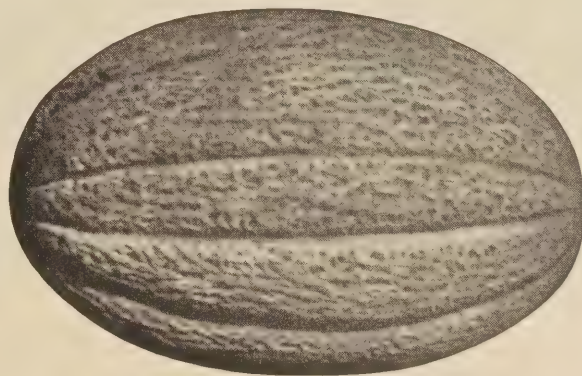


Pride of Wisconsin Muskmelon

BANANA MUSKMELON. (80 days.) A long, tapering, banana-shaped melon, often growing over 18 inches long, and weighing from 4 to 5 lbs. The light yellow skin is without netting or ribs, and the flesh is orange. Pkt., 10c; oz., 40c; ¼ lb., \$1.00; lb., \$2.50, postpaid.

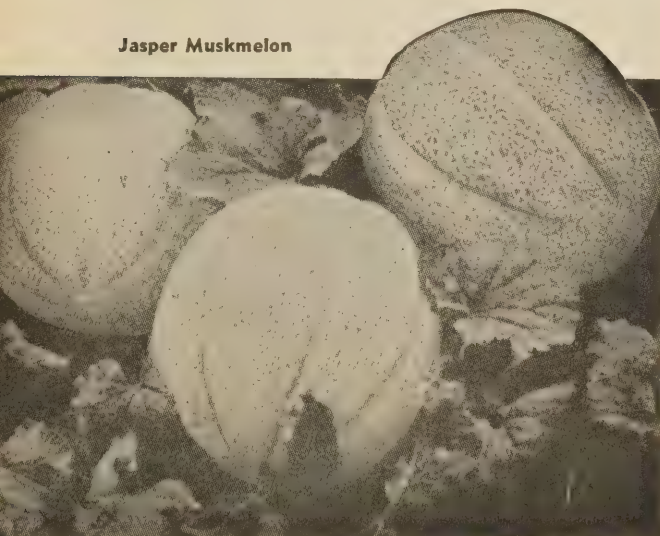
HEARTS OF GOLD. (Large type.) (90 days.) A splendid mid-season melon for home or market. The oval, round fruits have small seed cavity, and average 2½ to 3 lbs. It is distinctly ribbed, and has a gray netting over a green background. The flesh is thick, of a deep salmon orange, deliciously sweet. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

SCHOON'S HARD SHELL. (90 days.) An oval shaped melon with prominent ribbing and coarse netting, averaging from 4 to 5 lbs. It has a hard, tough bluish gray-green rind, which becomes yellow at maturity. The flesh is quite thick, deep salmon orange, and of splendid quality. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.



Long John Muskmelon

Jasper Muskmelon



Green Fleshed Varieties

JASPER. (75 days.) Our market gardeners strain of this popular variety, introduced by us many years ago, is considered by market and home gardeners to be the best of the Bottomly type. The melons are heavily netted, distinctly ribbed, average 4 to 5 lbs., and are quite resistant to disease. The green flesh, edged with orange, is fine grained, sweet, and of delicious spicy flavor. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

LONG JOHN. (80 days.) A large melon of attractive appearance. It is of oblong shape with very distinct ribs and heavy netting. Our strain often grows 12 inches in length. The flesh is green, edged with gold, and of good quality. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

ROCKY FORD, JUNIOR. (80 days.) A splendid melon. It is considerably larger than "Rocky Ford," with distinct ribs and heavy netting. The green flesh is edged with salmon and is of delicious sweetness. The vines are quite resistant to "blight." Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

GOLD LINED ROCKY FORD. (75 days.) An oval-shaped melon of the Eden Gem type completely netted. The fine grained flesh is of delicious flavor, and the gold lining next to the seed cavity adds greatly to its attractiveness. Splendid for the home garden. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

HONEY DEW. (95 days.) This well-known melon is of the Casaba type, oval in shape, of good size, with a smooth, lemon-tinted skin, and keeps well. The thick, green-tinted cream flesh has a delicious sweetness all its own. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

WATERMELONS

One-half ounce will plant a row of 100 feet in hills; 2 to 3 lbs., for an acre in hills.

Culture: A rich but light and well-drained soil is needed to produce the best results. Plant the seeds 1 inch deep from April to June in hills not less than 8 feet apart each way. Avoid planting until the warm weather has become settled, as the vines will never thrive if checked by cold. After the first plowing, cultivation must be shallow and "laid by" as soon as the ground is well covered.

NOTE: We can supply certified seed of Dixie Queen, Improved Kleckley Sweet or Wonder, Stone Mountain, and Hawkesbury at 50c per lb. above the price of uncertified seed.



Dixie Queen Watermelon

CONGO. (U.S.D.A. 46-40) (85 days.) A new melon developed after a great deal of research and labor, which promises to become a leading variety. It is about the same shape and size of Garrison, but with darker stripping, and few gourd ends. While it is not wilt resistant, it is partially immune to anthracnose. The rind, while fairly thin, is quite tough, and will stand shipping. The bright red flesh is tender and deliciously sweet. Good for home or market, 30 to 40 pounds. All melon growers should give it a trial. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.20; lb., \$3.00, postpaid.



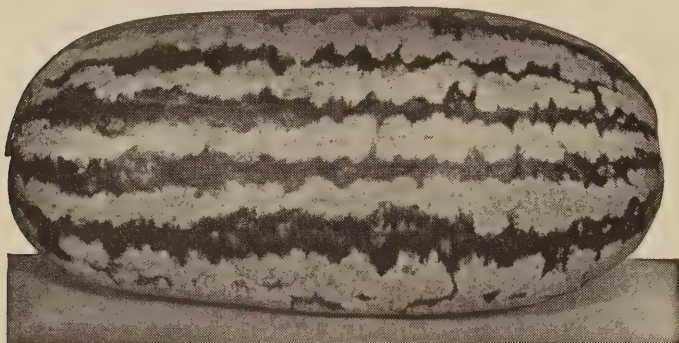
Congo Watermelon

GARRISON OR DARLINGTON. (85 days.) An attractive and popular melon. In shape it is long, with light and dark stripes, and will average about 40 lbs., in weight. The flesh is bright red, crisp, and of delicious sweetness. A splendid kind for the home or local market, but the rind is too brittle for long distance shipping. 30 to 40 pounds. Pkt., 10c; 1/2 oz., 25c; oz., 45c; 1/4 lb., \$1.10; lb., \$2.75, postpaid.

DIXIE QUEEN. (80 days.) A medium-size oval-shaped melon with light and dark stripes that is popular on account of its delicious sweetness. The rind is thin and the flesh bright red. A good sort for the home garden or local market. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$1.50, postpaid.

STONE MOUNTAIN OR DIXIE BELLE.

(85 days.) Those who are partial to round or oval watermelons will be pleased with this variety. It is medium early, grows quite large, and has an attractive rind of a medium green color. Flesh bright red, very sweet, and of delicious flavor. The vines are quite prolific and disease-resistant. 30 to 40 pounds. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$1.50, postpaid.



Garrison or Darlington Watermelon

IRISH GRAY. (90 days.) One of the surest melons to make a crop. The rind is yellowish gray, mottled, quite thin, but exceedingly tough. The flesh is bright sparkling red, and exceedingly sweet. 30 to 35 pounds. Pkt., 10c; oz., 30c; 1/4 lb., 70c; lb., \$1.75, postpaid.

CUT RED TOM WATSON. (80 days.) A decided improvement over the ordinary strain of Tom Watson, with a darker rind, and a flesh of deeper red. In shape it is long, dark green, showing a distinctly fine vein under its general color. The crimson flesh is very sweet, and of splendid quality. 30 to 40 pounds. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$1.50, postpaid.

GEORGIA RATTLESNAKE. Sometimes called Striped Gypsy. (90 days.) This melon is an oblong variety with decided stripes of light and dark green. The rind is tough and rather thick, while the flesh is bright red and sweet. A good variety for late use. 35 to 40 pounds. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$1.50, postpaid.

FLORIDA GIANT OR CANNON BALL.

Sometimes called Improved Black Diamond. (98 days.) As its name implies, this giant, nearly round melon will sometimes weigh 100 lbs; has a solid dark green rind and bright red, sweet firm flesh. A good shipper. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$1.50, postpaid.



Florida Giant or Cannon Ball Watermelon

FLORIDA FAVORITE. (85 days.) An old favorite for the home garden. The shape is oblong and the color of the rind dark green with light green stripes. The flesh is really melting, having less fibre than any other except perhaps Kleckley's Sweet. 25 to 30 pounds. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$1.50, postpaid.

WATERMELONS—Continued

IMPROVED KLECKLEY'S SWEET.

Sometimes called "Monte Cristo" or "Wonder." (85 days.) The sweetest, finest-flavored melon grown; it is a long oval with a dark glossy rind. The flesh is bright red, fine grained and of delicious sweetness. 30 to 35 pounds. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.



Improved Kleckley's Sweet or Wonder Watermelon

WILT-RESISTANT VARIETIES

In sections where watermelons can not be successfully grown on account of "wilt" we suggest the use of the following wilt resistant varieties.

HYBRID DIXIE QUEEN WATERMELON

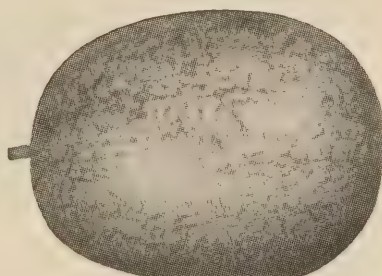
(80 days.) A new hybrid watermelon of the same shape and color rind as the regular Dixie Queen, but seems to be entirely wilt-resistant. It should be given a trial by all growers interested in hybrid vegetables. Pkt., 25c; ½ oz., 95c; oz., \$1.75; ¼ lb., \$4.40, postpaid.

DIXIE QUEEN. (80 days.) A new wilt-resistant strain of this popular melon. It is the same shape and color rind as the regular strain, and of splendid quality, and should be used by all persons who have been bothered with wilt in growing melons. 30 to 35 pounds. Pkt., 10c; oz., 35c; ¼ lb., 90c; lb., \$2.25, postpaid.

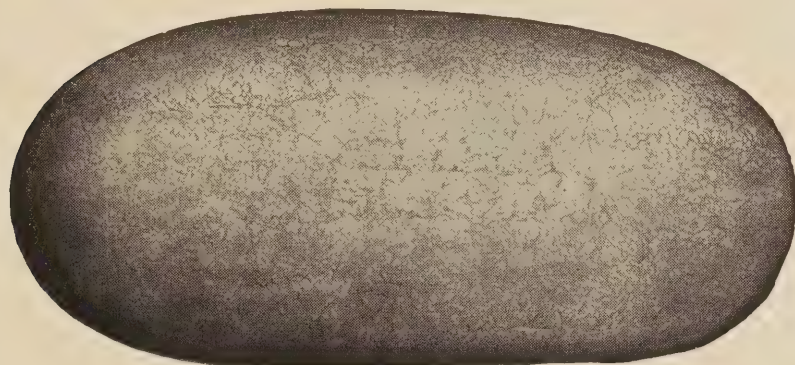
HAWKESBURY. Sometimes called Gray Shipper. (80 days.) A wilt-resistant variety of much merit. The melons have a light green rind with veining of darker green. The flesh is deep pink of fine texture and good quality. Growers who have been unable to produce melons on account of "wilt" will have no trouble growing this variety. 35 to 40 pounds. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

BLACKLEE. (85 days.) Developed by Dr. Walker of the Florida Experiment Station, and is practically 100% wilt resistant. It is an oblong melon, with dark green tough rind, and the flesh is rich red, of fine texture, crisp and sweet. The vines are very vigorous and prolific and for large size the vines should be pruned to two melons. 30 to 35 pounds. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

GARRISON. (85 days.) A wilt resistant variety of this popular melon. The seed will often produce a few melons with dark green rind. Pkt., 10c; oz., 50c; ¼ lb., \$1.30; lb., \$3.25, postpaid.



New Hampshire Midget Watermelon



Hawkesbury or Gray Shipper Watermelon

BURRELL'S GRAY, GRAY JACKET, and IRISH GRAY,

use Hawkesbury, a better variety, and it is wilt resistant.

Use Cuke and Melon Dust
For Insects and Wilt On Melons
(see page 72)

CITRON RED SEEDED.

(95 days.) The fruits of this variety are round, with dark and light green striping. Flesh white and solid, with red seeds. Used only for preserving. Seeds often used for medicinal purposes. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.



FAIRFAX. (85 days.) An attractive, new long melon, with irregular dark and light stripes. Developed at the USDA, Charleston, S. C. It is resistant to anthracnose and fusarium wilt; has a tough rind, and will stand shipping. All melon growers should give it a trial. 35 to 40 pounds. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$2.00; lb., \$5.00, postpaid.

MUSTARD

One ounce will plant a row 100 feet long; 1½ to 2 pounds for an acre.

Culture: Sow one-fourth of an inch deep in the early spring or fall, broadcast, or in drills 18 inches apart, thinning to from 6 to 8 inches. By successive sowings every fortnight, beginning early in March, the salad may be had over a long season.



Giant Southern Curled Mustard

GIANT SOUTHERN CURLED. (40 days.) A favorite in the South, growing very large, with beautifully curled leaves, of good flavor. Our strain is late seeding. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

CHINESE BROAD LEAF. Also called Large Smooth Leaf. (45 days.) A hardy and vigorous grower, producing large, broad, oblong serrated medium green leaves. Slow in going to seed. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

TENDERGREEN OR SPINACH MUSTARD.

(35 days.) A delicious and quick-growing vegetable. Splendid for greens practically the year around. Exceptionally hardy in winter and the large thick leaves remain tender even during hot dry summer weather. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

FORDHOOK

FANCY. (45 days.) The leaves of this variety resemble a beautiful ostrich plume. It is most productive, and our strain is late seeding. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.



Tendergreen, or Spinach Mustard

WHITE LONDON.

(40 days.) This variety is grown principally for seed, which is used for domestic purposes. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

Remember, Tait's Thorobred Seeds have pleased the most particular truckers and market gardeners for over 80 years.

MUSHROOM SPAWN

One mold will cover 40 square feet

Culture: The spawn or culture should be planted in beds any size desired, but preferably 4 feet wide, 10 inches deep, and any length. Full cultural directions will be sent with each order for spawn.

AMERICAN PURE CULTURE SPAWN. This spawn is produced by selecting spores from individual specimens and is considered the

best sort of Mushrooms, and is propagated and transferred to the molds, which, when planted, produce Mushrooms all of one type. Per quart mold, \$2.00, postpaid.

OKRA OR GUMBO

One ounce will plant a row 100 feet long; 4 to 7 pounds for an acre.

Culture: Sow one inch deep from May to July in rows 4 feet apart for the tall or 2½ feet for the dwarf, thinning to 1 plant every 3 feet between the tall kinds or half that distance between the dwarf. Cultivate frequently and keep the earth worked up to the stem.

CLEMSON SPINELESS. (55 days.) An improved strain of Perkin's type of Long Pod Okra growing 5 ft. high with uniform rich green pods. Can be picked without discomfort of spines. Splendid for the home garden. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

EMERALD. (55 days.) An improvement, we think, on Louisiana Green Velvet. The plants grow 5 ft. in height, bearing 5 inch, slightly fluted and spineless pods of good color. A prolific and splendid sort for canning and processing. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

PERKINS' MAMMOTH. (55 days.) A strong grower, often reaching over six feet in height, and no Okra rivals it in yield, the bush being literally covered with pods 4 to 6 inches long. The color is an intense green, and the quality is excellent. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

DWARF GREEN LONG POD. (55 days.) An early dwarf-growing sturdy variety, 3 to 4 feet high, producing an abundance of long-fluted dark green pods. This Okra is especially adapted for home garden use, because the pods remain in prime condition for cooking or canning until quite large. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

DWARF GREEN SHORT POD. (50 days.) This variety produces an abundant crop of short meaty pods of excellent quality, and is recommended for those who prefer a short pod Okra. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

IMPROVED WHITE VELVET. (50 days.) The best and earliest white Okra and splendid for the family or market. The plant grows about 3 to 4 feet high, and the pods are long, smooth and tender. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.



Dwarf Green Long Pod Okra

ONIONS

One ounce will plant a row 100 feet long; 4 to 6 lbs. for an acre in 18-inch rows. 40 to 50 lbs. will plant an acre for sets.

Culture: Onions require a strong, rich and friable soil, heavily fertilized, and cultivation must be thorough. The seed may be sown in February, March and April, in 18-inch rows or on beds 4 feet wide, with the rows 10 inches apart, the drills drawn shallow, as the best Onions grown on the surface. Sow one-fourth inch deep pressing the earth over the seed. When well up, thin from 4 to 6 inches in the row and keep beds well stirred until the young Onions are started, after which it is well to hand weed. In the latitude of Norfolk a good crop can be obtained by sowing in September or October as described, as they will grow until very cold weather and resume growth in the spring.

PRIZETAKER. (100 days.) The remarkable size of this Onion, averaging 12 or more inches in circumference, has made it one of the most popular varieties throughout the country. It is globe-shaped, rich straw color, very uniform in shape and size, phenomenally productive; good quality. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.40, postpaid.

SWEET SPANISH. (100 days.) Our Utah strain of this large globe-shaped yellow Onion is of handsome appearance. It grows as large as the Prizetaker, and its sparkling white flesh and sweet mild flavor make it popular. A fine shipper. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.40, postpaid.

SILVERSKIN OR WHITE PORTUGAL.

(95 days.) Popular white Onion of medium size and mild, pleasant flavor. Used for bunching and pickles. Good keeper. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.50, postpaid.

YELLOW GLOBE DANVERS.

(110 days.) Has long been a standard variety, its uniformity of shape, bright color and fine quality making it popular everywhere; it ranks very high in productiveness, but is less handsome than Southport Yellow Globe. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.40, postpaid.

SOUTHPORT WHITE GLOBE

(110 days.) The most popular white Onion with good keeping qualities. A splendid globe-shaped variety with silvery white skin. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$1.60, postpaid.

SOUTHPORT RED GLOBE.

(110 days.) Onions of globular form are rapidly supplanting the flat varieties, and this is a splendid sort. The bulb has a rich, purplish red color, is almost round as a ball, and keeps very well. We recommend it to those who prefer red Onions. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$1.60, postpaid.

SOUTHPORT YELLOW GLOBE. (115 days.) A standard late variety of splendid keeping quality. The bulbs are globular, with deep orange yellow skin, and fine grained white flesh. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.40, postpaid.



White Globe Onion Sets



San Joaquin Onion

SAN JOAQUIN. (95 days.) A large, early onion, very popular for fall seeding. The bulbs are semi-globe shaped, with light yellow skin, and crisp white mild flesh. The seed may be sown in September, and the roots harvested in May. Highly desirable for early market. Pkt., 15c; ½ oz., 50c; oz., 95c; ¼ lb., \$2.40, postpaid.

EBENEZER. A desirable Onion of Japanese origin. Yellow skin, somewhat flattened globe in shape, very small tops and mild sweet flavor. Keeps in good, hard and sound condition all winter. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.40, postpaid.

ONION SETS

We quote all Onion Sets on the basis of 32 pounds to the bushel. A pound equals about a quart. Two pounds will set a row 100 feet long, 5 inches apart; 4 to 6 bushels per acre in 12-inch rows. Write for special prices in large quantities.

EBENEZER. In general usefulness this is probably the very best yellow Onion for spring setting, as it ripens quite early in the summer, is of large size, and may be stored for a long time without injury. Lb., 40c; 2 lbs., 75c; 5 lbs., \$1.25, postpaid.

WHITE GLOBE. A well known variety and good for the family garden and local markets, for green bunching onions. Lb., 40c; 2 lbs., 75c; 5 lbs., \$1.25, postpaid.

RED GLOBE. Although less desirable than the Ebenezer, this old variety is still used to some extent on account of its extraordinary keeping qualities. The flavor is extremely strong. Lb., 50c; 2 lbs., 80c; 5 lbs., \$1.50, postpaid.

WHITE BERMUDA. (80 days.) An early maturing flat Onion of a beautiful waxy white color and appearance, for fall planting. Lb., 50c; 2 lbs., 80c; 5 lbs., \$1.50, postpaid. In stock only from September to November.

YELLOW BERMUDA. Quite similar to White Bermuda, with white flesh, but light yellow skin. Lb., 45c; 2 lbs., 75c; 4 lbs., \$1.35, postpaid. In stock only from September to November.

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PARSLEY

One ounce will plant a row 100 feet long; 3 lbs. will plant an acre in 18-inch rows; or 5 lbs. for an acre 10 inches apart on 4-foot beds.

Culture: Parsley seed is very slow in germinating, often requiring a month and may be sown either in the early spring or fall, in rich, mellow soil, one-eighth of an inch deep, the surface then being made very firm. Keep the weeds down by frequent hoeing, and when the plants get strong thin from 6 to 9 inches apart. Market gardeners will find it profitable to sow Parsley in cold frames in August to winter over for early spring gathering.

EXTRA TRIPLE CURLED. (68 days.) For either market or the home garden we strongly recommended our market gardeners strain of this variety. The color is very dark green and the leaves are most beautifully curled. **Pkt., 10c; oz., 20c; ¼ lb., 55c, postpaid.**

PARAMOUNT. (70 days.) Very densely curled, being like some luxuriant moss, but not as dark as our Curled Scotch. **Pkt., 10c; oz., 20c; ¼ lb., 55c, postpaid.**

PLAIN. (70 days.) A strong, hardy plant, excellent for seasoning, but not so pretty for garnishing as the curled varieties. **Pkt., 10c; oz., 20c; ¼ lb., 55c, postpaid.**

HAMBURG. (75 days.) A rooted variety that in growth resembles parsnips, and used for flavoring soups. **Pkt., 10c; oz., 20c; ¼ lb., 55c, postpaid.**



Extra Triple Curled Parsley

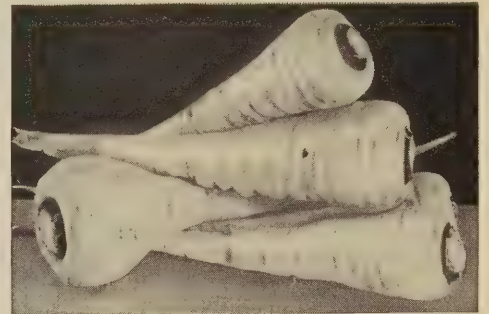
PARSNIPS

One ounce will plant a row 100 feet long; 4 to 6 lbs. for an acre.

Culture: Sow very thickly one-fourth inch deep from March to August, in drills 12 inches apart in deep, rich, sandy loam, which has been well manured for a previous crop. When the plants are 2 to 3 inches high, thin out from 4 to 6 inches apart and cultivate frequently to keep down weeds. In the latitude of Norfolk, the roots are much improved in flavor if left in the ground during the winter.

ALL AMERICAN. (90 days.) A splendid Parsnip with deep crown, small core, and clean, clear white roots. The flesh is of fine texture, sweet, and free from stringiness. The roots are 2½ inches at the shoulder, and grow about 12 inches long. Recommended for either the market or home garden. **Pkt., 10c; oz., 30c; ¼ lb., 70c, postpaid.**

IMPROVED HOLLOW CROWN. (95 days.) A popular variety with smooth white skin, deep crown and sweet, tender flesh. The roots are 2½ inches at the shoulder, and grow about 12 inches long. **Pkt., 10c; oz., 30c; ¼ lb., 70c, postpaid.**



All American Parsnip

PEAS

Two pounds (one quart) will sow a row 100 feet long; 75 to 100 lbs. for an acre. A pint weighs about one pound. Smooth seeded varieties weigh 60 pounds to the bushel, and wrinkled-seeded varieties weigh 56 pounds to the bushel.

Culture: Dry and moderately rich loam is best adapted to early Peas, while heavy soil is preferable for the late sorts. The early varieties are usually planted about 2 inches deep, from the middle of January to the middle of March; wrinkled Peas, being so liable to rot in cold, wet ground, they should not be sown before the latter part of February. Dwarf varieties may be drilled in rows 18 inches apart, but more space must be given to the kinds which make more vine, truckers usually allowing 2½ feet for the ordinary extra earlies. Commence cultivating when the Peas are 2 inches high, and draw the earth up on each side to help in supporting the vine. In the latitude of Norfolk a fall crop of Peas may be planted between the middle of August and the tenth of September.

Early Varieties

WILT-RESISTANT ALASKA. (55 days.) The earliest and best smooth green-seeded Pea, but recommended only for those who want an extra early crop. The bright waxen green, blunt pods average about 2¾ inches in length, containing usually 6 to 7 medium sized peas of good quality. It is enormously productive for a small-podded variety. Height, 2 feet. **Pkt., 15c; ½ lb., 30c; lb., 55c; 2 lbs., 85c; 5 lbs., \$1.55; 10 lbs., \$2.50, postpaid.**

LONG POD ALASKA. Sometimes called "Bountiful" and "Ameer." (63 days.) A smooth, green-seeded Pea quite popular in some Pea-growing sections. The pods are slightly curved, average about 3 inches in length, and are of a bright green color, containing usually 7 or 8 Peas of good quality. Height, 3 feet. **Pkt., 15c; ½ lb., 30c; lb., 60c; 2 lbs., \$1.00; 5 lbs., \$1.90; 10 lbs., \$3.20, postpaid.**

LAXTON'S SUPERB. Sometimes called "Early Bird." (60 days.) An exceptionally early and productive semi-wrinkled Pea. The pods are pointed, medium dark green, average about 3½ inches in length, and contain usually 7 or 8 large Peas of fair quality. On account of its hardness it can be planted earlier than the Laxtonian type. Height, 2 feet. **Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.00; 5 lbs., \$1.95; 10 lbs., \$3.20, postpaid.**

Varieties marked with a ☆ are wrinkled.



Early Alaska Peas



Laxton's Superb Peas

Our Peas are produced in the Mountain States of the Northwest, are thoroughly rogued, hand picked and free from disease and weevil, and treated with Spergon.

PEAS—Continued

Early Varieties

☆ **DARK GREEN THOMAS LAXTON.** (60 days) Considered by many the best all-around early wrinkled Pea for a spring or fall crop, either for the market or the home garden. It has a vigorous hardy constitution resistant to Fusarium Wilt, is remarkably productive and matures the crop with remarkable uniformity. The pods, of our market gardeners strain are dark green, blunt at the end and average about 3½ inches in length, and usually contain 8 or 9 large Peas of the best quality. Good for canning and freezing. Height, 3 feet. Pkt., 15c; ½ lb., 30c; lb., 60c; 2 lbs., \$1.00; 5 lbs., \$1.90; 10 lbs., \$3.20, postpaid.

☆ **LAXTON'S PROGRESS.** (62 days.) Probably the largest and best of the early drawf wrinkled varieties. The pointed pods are dark green, average about 4 inches in length, and usually contain 8 or 9 large Peas of the best quality. A good dwarf variety for a spring or fall crop. Height, 1½ feet. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.00; 10 lbs., \$3.40, postpaid.

☆ **BLUE BANTAM.** (See "Hundredfold.")

☆ **HUNDREDFOLD.** Sometimes called "Blue Bantam." (64 days.) This wrinkled Pea of the Laxtonian type is very prolific. The pods are dark green, average about 3¾ inches in length, and contain usually 8 or 9 large Peas of excellent quality. Height 1½ feet. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.00; 10 lbs., \$3.40, postpaid.

Late Varieties

☆ **DWARF TELEPHONE.** (72 days.) One of the best second early wrinkled varieties, producing medium green pods 5 inches long, containing 8 or 9 peas of delicious quality. Height, 2 feet. Pkt., 15c; ½ lb., 30c; lb., 60c; 2 lbs., \$1.00; 5 lbs., \$1.90; 10 lbs., \$3.20, postpaid.

☆ **TALL DARK GREEN ALDERMAN.** Sometimes called "Dark Green Telephone." (78 days.) This popular late wrinkled Pea has the largest pod of any tall variety and possesses a combination of good points. The pods are practically straight, dark green, average more than 4½ inches in length and contain usually 9 or 10 large peas of splendid quality. It is very productive, and if supported by brush or trellis, will bear over a long period. Height, 4½ feet. Pkt., 15c; ½ lb., 30c; lb., 60c; 2 lbs., \$1.00; 5 lbs., \$1.90; 10 lbs., \$3.20, postpaid.

For a succession of peas planted on the same day, we would suggest the following dwarf varieties: Alaska, Early Bird, Laxton Progress, Dwarf Dark Green Telephone.

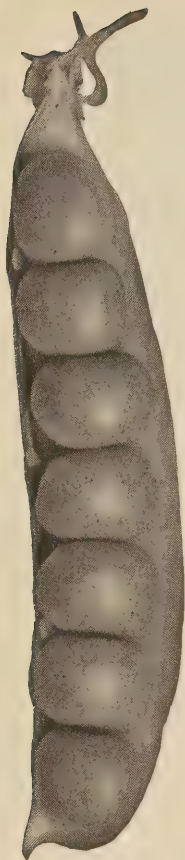
CABBAGE PEAS

(Edible Pods)

☆ **MAMMOTH LUSCIOUS SUGAR.** (75 days.) An improved variety that produces an immense quantity of broad pods 5 or 6 inches long, and a great improvement over the old type of Cabbage Peas. This is really a two-purpose Pea, it can be cooked in the pods like snap beans, or as a shelled Pea; and as a shelled Pea is equal in sweetness to any of the wrinkled varieties. When cooked in the pod it should be pulled when half grown. Height, 5 feet. Pkt., 15c; ½ lb., 35c; lb., 70c; 2 lbs., \$1.15; 5 lbs., \$2.25; 10 lbs., \$3.90, postpaid.

FIELD PEAS. (See pages 41 and 42.) **CHINESE CABBAGE.** (See page 9.)

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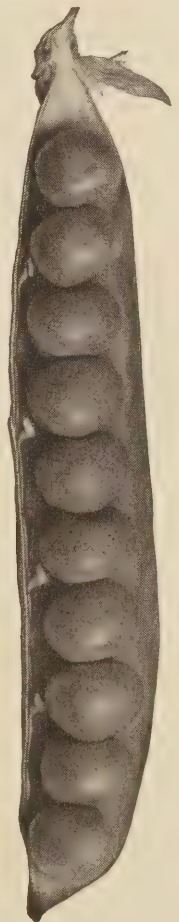
Thomas Laxton
Peas



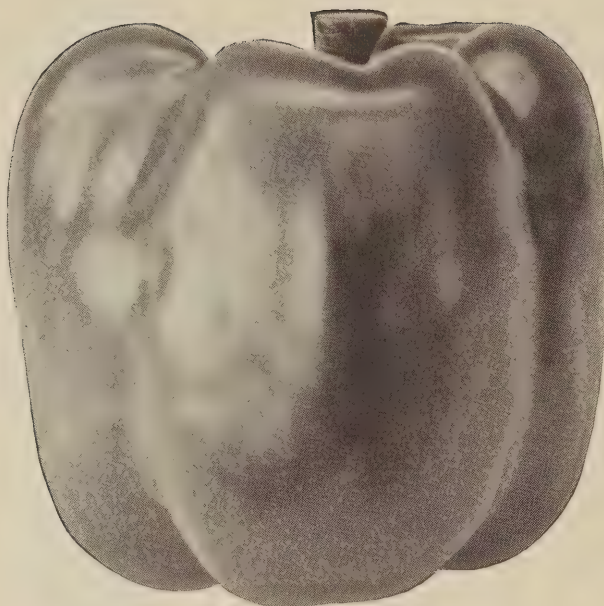
Laxton's Progress
Peas



Dwarf Telephone
Peas



Tall Alderman
Peas



California Wonder Pepper

OAKVIEW WONDER. (65 days.) An earlier and more productive strain of California Wonder. The plant grows similar to Early Calwonder. The fruits have all the good qualities of California Wonder, but they set earlier and more abundantly and are a trifle smaller. A splendid variety for shipping, but equally good for the home or market garden. Pkt., 15c; ½ oz., 60c; oz., \$1.10; ¼ lb., \$2.80, postpaid.

WORLD BEATER. (80 days.) We consider our special market gardeners strain of this variety the best all-around large Pepper for either the home or market garden. It is a cross between Ruby King and Chinese Giant, and while practically as early as Ruby King, is considerably larger. The flesh is thick, mild and sweet. Very productive. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00, postpaid.

KING OF THE NORTH.

(70 days.) An early strain of Ruby King. This splendid, medium sized Pepper of the "Bull Nose" type is used largely by market gardeners. It is early, productive, and so mild that it may be eaten raw. Our special market gardeners strain of this variety is early and very fine. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00, postpaid.

NEAPOLITAN. Also called Italian Pepper or Jersey Sweet. (62 days.) A very early and prolific variety. The fruits measure 2¼ inches across at the stem by 3½ inches in length. The skin is a light yellowish green that becomes bright red at maturity. The flesh is medium thick and the sweet mild flavor is not surpassed by any pepper. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00, postpaid.

PIMENTO. Also called Perfection (80 days.) A variety grown largely for canning whole, and easily cored. Equally good for home or market. The fruits are about 3 inches long by 2½ inches in diameter, heart-shaped, glossy dark green, becoming crimson at maturity. The thick flesh is sweet, and of splendid flavor. Excellent for stuffing and salad. Pkt., 15c; ½ oz., 60c; oz., \$1.10; ¼ lb., \$2.80, postpaid.



Pimiento Pepper

LONG CAYENNE.

(70 days.) The well known narrow hot Pepper which is generally dried and used in that condition for various culinary purposes. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00, postpaid.

RED CHERRY.

(80 days.) Named from its close resemblance to the cherry. It is used either as the Cayenne, or as pickles. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00, postpaid.

SMALL CHILI.

(80 days.) A small, oblong, hot variety used for pepper sauce and pepper vinegar. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00, postpaid.

SUNNYBROOK.

Also called Tomato, Cheese and Squash Pepper. (73 days.) Similar to Pimiento, but tomato-shaped. The fruits are about 3½ inches across by 2½ inches deep, smooth, bright green, becoming intense red at maturity. Flesh very thick, and unusually sweet and juicy. Pkt., 15c; ½ oz., 60c; oz., \$1.10; ¼ lb., \$2.80, postpaid.

PEPPER

One ounce will plant a row 100 feet long; 6 ounces will produce sufficient plants to set an acre.

Culture: Sow one-eighth of an inch deep in warm, mellow soil in May or June in rows 2½ feet apart, and when the plants are large enough, thin so as to leave 18 inches between them. Cultivate frequently to destroy weeds, and keep the earth worked up against the plant to assist the stem in carrying its weight of pods. For an early crop, sow in greenhouse or hotbed in February, transplanting into boxes or pots so as to have stocky plants ready for setting outdoors when danger of frost is past.

CALIFORNIA WONDER. (72 days.) An exceedingly large, handsome, and popular variety. The plants are upright, stocky, and very productive over a long period. The fruits are 3¾ inches across at the stem by 4¼ inches deep, many four lobed, glossy green, turning to rich crimson when mature. The flesh is the thickest of any large Pepper, with a distinct, mild, sweet flavor. We think our stock superior to any we have seen in trials. Largely used by truckers and market gardeners, but equally good for the home garden. Pkt., 15c; ½ oz., 60c; oz., \$1.10; ¼ lb., \$2.80, postpaid.

CALWONDER. Also called California Wonder Low Bush (70 days.) An early maturing strain of California Wonder. The plants are not as tall as California Wonder and the fruits not quite as large, but similar in other respects. Pkt., 15c; ½ oz., 60c; oz., \$1.10; ¼ lb., \$2.80, postpaid.

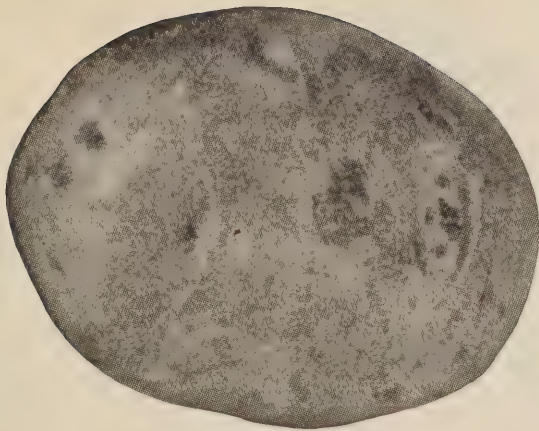
ANAHEIM CHILI. (80 days.) This is a prolific variety, grown principally for drying and canning. The fruits are deep green, turning to scarlet at maturity; grow 6 inches in length by 1½ inches at the shoulder. The flesh has just enough pungency to make it desirable. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00, postpaid.

HUNGARIAN YELLOW WAX.

(65 days.) An early maturing, hot, yellow Pepper. Good for home or market. The fruits are 5 inches long by 1½ inches at the shoulder, are waxy yellow, turning to crimson at maturity. Pkt., 15c; ½ oz., 60c; oz., \$1.10; ¼ lb., \$2.80, postpaid.



World Beater Pepper



Sebago Potato

POTATOES

Prices of Potatoes are subject to change without notice. Write for prices on larger quantities. 7½ lbs. (4 qts.), properly cut, will plant a row 100 feet long; 600 lbs. will plant an acre.

Culture: For early Potatoes in the latitude of Norfolk, plant at the first suitable weather in February; heavy manuring is absolutely essential. A second crop may be planted in July and August. Furrows 4 to 6 inches deep should be made 3 feet apart, and unless potato fertilizer has been broadcasted, it should be drilled in the furrows at the rate of 40 lbs. to 100 yards, mixing it thoroughly with the soil. Drop the pieces about 12 to 15 inches apart and cover 3 or 4 inches. If planted early in February, they should be covered with 2 furrows. Late in March, when the sprouts have started but are still under the ground, the rows should be dragged to remove the excess of covering and put the surface in good condition. After the dirt has been turned away from each side of the rows, little need be done except to work it back again by successive cultivations.

IRISH COBBLER. (100 days.) The most popular Potato in the South on account of its earliness. It is round with white skin, deep eyes, and of good quality. Our strain of this Potato is very pure. 5 lbs., 95c; 10 lbs., \$1.75; 15 lbs., (1 peck) \$2.45, prepaid.

BLISS TRIUMPH, OR RED BLISS. (100 days.) Although less used than formerly, this early, round, red skin potato is still a favorite in certain sections, especially eastern North Carolina. It is of good quality and a heavy cropper. 5 lbs., \$1.10; 10 lbs., \$1.95; 15 lbs., (1 peck) \$2.75, prepaid.

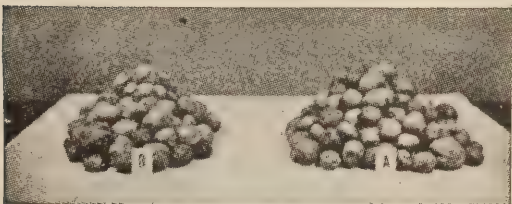
SEBAGO. (110 days.) A heavy yielding mid-season variety becoming more popular each season. The potatoes have white skin, shallow eyes, handsome in appearance, and of good quality. The vines are quite resistant to heat, drought and most diseases. Good for either spring or fall crop. 5 lbs., 95c; 10 lbs., \$1.75; 15 lbs., (1 peck) \$2.45, prepaid.

CHIPPEWA. (110 days.) A heavy yielding mid-season Potato of fine appearance and good quality. It is fast becoming a leading variety because of its wide adaptation, as it succeeds under almost all conditions of soil and weather and is disease resistant. The potatoes have a smooth white skin, are of flattened oval shape, with shallow eyes. 5 lbs., 95c; 10 lbs., \$1.75; 15 lbs., (1 peck) \$2.45, prepaid.

KATAHDIN. (110 days.) Like the Chippewa, this variety was developed by the United States Department of Agriculture, and is good for either spring or fall planting. It is oval in shape, with white skin, shallow eyes, and of good quality and resistant to disease. 5 lbs., 95c; 10 lbs., \$1.75; 15 lbs., (1 peck) \$2.45, prepaid.

GREEN MOUNTAIN. (120 day.) For the main crop this large oval-shaped, late potato with white skin, is probably the most satisfactory. It is of exceptionally good table quality and enormously productive, having few small potatoes. 5 lbs., 95c; 10 lbs., \$1.75; 15 lbs., (1 peck) \$2.45, prepaid.

SPRAY YOUR POTATOES—Potato planters who grow for market all recognize the value of spraying. They know from experience the increased yield and the better quality of the Potatoes. For these same reasons, those who grow for their own use should spray. Spraying costs but little, but pays handsomely.



Showing effect of treatment on "Irish Cobbler" 100 per cent Rhizoctonia infected. To left, untreated, 19 per cent clean and 190 bushels to acre. To right, treated, 89 per cent clean and 243 bushels to acre.

Semesan Bel

Insure high germination, reduce disease, and increase yield by using Semesan Bel.

Scab, Rhizoctonia, and Black-leg are the bugbears of every potato grower. The old-fashioned, time-making method of disinfecting seed potatoes with mercuric bichloride or formaldehyde is now a thing of the past. One pound of Semesan Bel will treat 60 to 80 bushels of cut potatoes. It also possesses greater disease control properties, especially in respect to control of Rhizoctonia and seed-borne Scab. The "instantaneous dip" method of applying new Semesan Bel saves time and labor. Semesan Bel does not harm the seed pieces.

SEMESAN BEL PRICES: 2 ozs., 60c; 1 lb., 2.50, postpaid.

"Use Semesan Bel, and insure greater germination on your potatoes."

FOR BUGS AND BLIGHT C-O-C-S POTATOX DUST OR SPRAY

CONTAINS DDT AND COPPER

4 lbs. makes 30 gallons of dilute spray

An economical Insecticide and Fungicide for use in the control of bugs and blight

1 lb. can, 65c; 4 lb. bag, \$1.85; not postpaid; postpaid, 1 lb. can, 80c; 4 lb., \$2.35

PUMPKINS

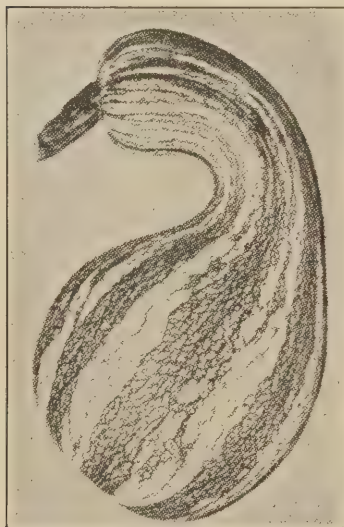
One ounce will plant a row 100 feet long; 2 to 3 lbs. an acre in hills.

Culture: Plant from May to July 1 inch deep in hills 8 feet apart each way. Cultivation the same as for squash. (See page 32.)

KING OF THE MAMMOTH. (120 days.) This is the largest of the Pumpkins, and where one fruit is allowed to remain on the plant, they have been grown to weigh nearly 100 pounds. The fruits are somewhat variable in size and shape, with mottled yellow skin and deep coarse orange flesh, of splendid flavor and is a long keeper. 40 to 50 lbs. Pkt., 10c; oz., 30c; ¼ lb., 70c; lb., \$1.75, postpaid.

LARGE CHEESE. (110 days) Our strain of this flat Pumpkin, with orange colored skin is justly popular over the whole country. The color is a light reddish orange and the flesh is thick, fine grained and sweet. 12 to 15 pounds. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

CONNECTICUT FIELD. (115 days.) The common globe-shaped Pumpkin grown in corn-fields and grown principally for stock. Very productive. 15 to 20 pounds. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.



Striped Cashaw Pumpkin

CASHAW. (110 days.) This popular old variety with a curved neck has a hard creamy skin, with dark stripes, and has solid yellow flesh. 8 to 10 lbs. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

TENNESSEE SWEET POTATO. (110 days.) Fruits are pear shaped with creamy white skin and faint light green stripes. The flesh is yellow of Sweet Potato flavor. Keeps well. 10 to 12 pounds. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

SUGAR (New England Pie). (105 days.) A small but very prolific round variety slightly ribbed, with bright orange skin and a rich orange flesh. Sweet, fine grained, and of excellent quality. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.



King of the Mammoth Pumpkin

RADISH

One ounce will plant a row 100 feet long; 5 to 8 pounds will sow an acre in 12-inch rows. When broadcast, 15 pounds of the long, or 25 to 30 pounds of the globe varieties for an acre.

Culture: The tenderness and sweetness of Radish are greatly dependent upon the rapidity of their growth. In the latitude of Norfolk, sow out-of-doors, ½ inch deep, from February to October, broadcast in drills 18 inches apart, or on beds in 10-inch drills, or in drills 1 foot apart. The early varieties are very hardy, but do best if they are sheltered by fences or woods. The winter varieties are sown from the middle of July to the last of September and used as needed. Grown under glass or cottons, the quality of all Radishes is wonderfully improved, and under this cultivation they may be sown at any desired time during the winter.

Winter Keeping Varieties

CELESTIAL. (55 days.) An all-seasons variety but particularly adapted for winter use. The large white roots are slightly oval with blunt base and average 7 inches long and 2½ inches at the shoulder. The flesh is firm, crisp and quite pungent. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

ROUND BLACK SPANISH.

(50 days.) This slightly top-shaped Radish grows 3 inches long and 4 inches in diameter; has black skin, and very pungent, crisp, white flesh. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

CHINESE ROSE. Also called Scarlet Chinese. (50 days.) An old variety with bright crimson skin and crisp, pungent flesh. The roots are cylindrical, slightly larger at the lower end, and average 5 inches in length, and 2 inches in diameter. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

LONG BLACK SPANISH.

(55 days.) The roots of this variety are cylindrical, slightly tapered at tip; grow 8 inches long, and are 2½ inches in diameter; has black skin, and pungent, crisp, white flesh. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.



French Breakfast Radish

Tait's Thorobred Seeds have pleased the most particular home and market gardeners for over 80 years, and they will please you.

RADISH—Continued

Globe Varieties

CHERRY BELLE. (22 days.) This attractive small Radish is especially recommended for forcing under glass. The roots are practically round, with short tops and bright scarlet skin. The flesh is firm and crisp. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

CAVALIER. (22 days.) A refined strain of Scarlet Globe, bred for greenhouse forcing or growing on muck land. The roots are olive shaped, with small tops, and bright scarlet skin. The flesh is firm and crisp. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

COMET. (22 days.) The globe shaped roots of this variety have medium tops, bright red skin, and the flesh is unusually firm and crisp, remaining firm longer than most of the early globe types. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

SPARKLER WHITE TIPPED. (26 days.) An attractive small, round, scarlet red Radish, one third of which is white at the bottom. The flesh is crisp, tender, and of good quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

SCARLET GLOBE. (23 days.) Our market gardener strain of this popular, globe shaped variety is unsurpassed and preferred by critical market gardeners. Its bright scarlet color, medium tops, small tap root and firm crisp flesh combine to make it ideal and the most desirable Radish for field culture. It is equally good for the home garden and can also be grown under glass. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.



Early
Scarlet Globe Radish

CRIMSON GIANT.

(30 days.) A fine, large size second early Radish. It is round, top shaped, with deep crimson skin, medium tops and firm, crisp flesh. Equally good for the home or market garden. It does as well as a summer Radish, as it stands the heat better than most types. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

FRENCH BREAKFAST.

(30 days.) An olive-shaped variety about 1½ inches long, shading gradually to white at the tip. Flesh crisp and of good quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

Long Varieties

WHITE ICICLE.

(27 days.) An excellent Radish, either for home or the market. At eating stage, 5 or 6 inches in length, it is as brittle as an icicle, mild in flavor, and of the best quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.



Long White Icicle Radish

LONG SCARLET SHORT TOP.

Also called Cincinnati Market. (30 days.) An old standard variety that grows from 5 to 6 inches in length. The skin is bright scarlet, and the flesh is firm and crisp. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

WHITE STRASBURG.

(35 days.) A desirable white Radish for early summer with slightly pungent, firm, crisp flesh. The roots grow 5 inches long; 1½ inches at the shoulder, tapering to a point. Keeps in marketable condition longer than most varieties. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25, postpaid.

Our strain of Early Scarlet Globe Radish is of splendid shape and color, and is preferred by large radish growers.



Sparkler White Tipped Radish

RHUBARB or PIE PLANT

One ounce will plant a row 100 feet long; 8 to 10 lbs., will plant an acre.

Culture: Sow from the middle of March to middle of May, in deep rich ground, in drills a foot apart and ½ inch deep, and when well up thin to 6 inches apart. In the fall, trench a piece of ground at least 2 spades deep, manuring abundantly, and set the plants out 4 feet apart each way, covering with leaves or coarse manure. It is best not to gather many of the stalks the first season, and in our Southern country it is rarely successful except in shady situations. Perhaps the most profitable plan for Southern growers is to buy the roots—as offered below—setting them out in November, March or April.

MYATT'S VICTORIA.

(85 days.) Very large, and although somewhat later than other varieties, the best for general use. For the home garden, the roots will be found much better than seeds. Pkt., 10c; oz., 30c; ¼ lb., 70c postpaid.

RHUBARB ROOTS.

We can furnish fine Rhubarb Roots in any quantities in either fall or spring, but as they are carried in stock only during March and April, orders at any other time of the year should be sent a week before roots are needed. One year old roots. 40c each; \$3.50 per doz., delivered.

SEEDS FOR BIRDS

All prices are subject to change without notice.

Write for prices on larger quantities.

	Per pound, postpaid
Canary, for Canary Birds.....	45c
Hemp, for Birds, Parrots, Pigeons and Chickens	50c
Lettuce, for Birds.....	50c
Maw (Blue Poppy), for Birds.....	75c
Millet, Golden, for Birds, Pigeons, and Chickens	30c
Mixed Seed, for Canary Birds.....	45c
Rape, German, for Birds.....	40c
Sorghum, Mixed, for Pigeons and Chickens	40c
Sunflower, for Parrots, Pigeons and Chickens	45c
Cuttle Fish Bone, for Birds.....	\$2.25

BETTER SEEDS BETTER PROFITS

The increasing demand for Tait's Thorobred Seeds is undoubtedly due to the fact that they are never grown to meet a price.

As seed specialists for more than eighty years it is our constant aim in producing and supplying Thorobred Seeds to give farmers and market gardeners the very best seed that can be grown.

In buying seeds, whether for pleasure or profit—remember—that so-called "cheap seeds" usually prove dear at any price, and that quality will be remembered when price is forgotten.

Tait's Thorobred Seeds have pleased the most particular farmers for more than 80 years, and will please you.

SALSIFY or VEGETABLE OYSTER

Two ounces will plant a row 100 feet long; 6 to 8 lbs. for an acre.

Culture: Salsify does best in a rich, light soil. Sow three-fourths of an inch deep from April until July in drills 2 feet apart, and when the plants are 1 inch high, thin to 4 to 6 inches in the row. The roots are hardy, and late sowings may be left in the ground all winter.

MAMMOTH SANDWICH ISLAND.

(120 days.) A large and greatly improved strain, of delicate, although distinct flavor. It can be prepared so as to be hardly distinguished from real oysters. The roots are well shaped, smooth, with dull white skin. 8 inches long, 2 inches at shoulder, tapering. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$1.60, postpaid.

SAGE

(*Salvia Officialis*.) A hardy perennial, the leaves of which are plucked about the time flower stalks are forming, then spread in a dark room and dried as quickly as possible. Pkt., 10c; oz., 70c; ¼ lb., \$1.60, postpaid.

SORREL

One ounce will plant a row 100 feet long; 1½ to 2 lbs. for an acre.

Culture: Sow one-fourth inch deep in March or April in rows 18 inches apart, thinning from 4 to 6 inches. No special cultivation is required, as the plant is very hardy, but keep the flower stalks cut out as they appear.

NARROW LEAVED.

Also called *Sour Grass*. (60 days.) A very wholesome salad, the taste for which is readily acquired. Many who do not care for Sorrel as a dish will be delighted with the combination of Spinach and Sorrel, the peculiar acid of which greatly improves the Spinach. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.50, postpaid.

BROAD LEAF.

Pale green leaves, resembling spinach, only not so broad. Pkt., 10c; oz., 35c; ¼ lb., 80c, postpaid.

SPRING SPROUTS.

(See SMOOTH KALE, page 17.)

SWISS CHARD.

(See SPINACH BEET, page 7.)



Mammoth
Salsify

The words "Thorobred Seeds" and "Thorobred" being a registered trade-mark (U. S. Patent Office, No. 51052), and the words "Thoroughbred" and "Thoroughbred" being also a registered trade-mark (U. S. Patent Office No. 92011), all persons are warned against their use in connection with the advertising or sale of seeds. We solicit the help of our friends in the detection and punishment of infringements of our copyright.

The cost of seed is the smallest item in the production of crops—
therefore plant Tait's THOROBRED SEED.

"Best by Test for Over 80 Years"

SPINACH

Two ounces will sow a row 100 feet long; 8 to 10 lbs. when planted in rows 18 inches apart, or, 20 to 25 lbs., when planted in 10-inch rows on beds 4 feet wide, will plant an acre.

Culture: Spinach requires rich, sweet land and liberal fertilizer. For fall crops, sow three-fourths inch deep from the 15th of August to the 15th of November, and when the plants are large enough, thin from 4 to 6 inches apart. For spring crop, sow from February to April.

VATES WILT AND BLIGHT RESISTANT VIRGINIA SAVOY.

(40 days.) A wilt-resistant selection of the blight-resistant Virginia Savoy. Developed at the Virginia Truck Experiment Station. The plants are similar to Virginia Savoy in type, size and color and grow rapidly and are resistant to wilt as well as blight. Most suitable for late August-September planting, in eastern Virginia and localities where wilt is prevalent. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 75c, postpaid.

VIRGINIA SAVOY BLIGHT RESISTANT.

(40 days.) An early blight resistant Spinach developed at the Virginia Truck Experiment Station. It is almost as savoyed or crumpled as the Norfolk or Bloomsdale; just as early, nearly as dark in color, and far superior to most of the so-called "blight-resistant" strains being offered in the trade. Should be planted only in the late summer or early fall, as it goes to seed quickly when sown in the spring. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 70c, postpaid.

OLD-DOMINION

BLIGHT RESISTANT.

(45 days.) A late seeding blight resistant Spinach developed by the Virginia Truck Experiment Station. It is a cross between Virginia Savoy and King of Denmark, and possesses the blight resistance of the Virginia Savoy and the late seeding characteristic of the King of Denmark. The leaves of our market gardeners strain are dark green, and crumpled or savoyed except at the tip. Should be sown in the late fall or early spring for the spring crop. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 75c, postpaid.

DARK GREEN NORFOLK OR BLOOMSDALE SAVOY.

(45 days.) Our reselected strain of Bloomsdale Savoy is darker in color than the ordinary Bloomsdale, and slower in going to seed. The plants are quite large, with thick, glossy, dark green crumpled or savoyed leaves, which remain crisp and fresh a long time after being cut and packed. A good sort for planting in the fall or early spring. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 75c, postpaid.

AMERICA.

(50 days.) An improved long standing spinach that won the All America Award 1952. The plant is very dark green, well savoyed, and slow in running to seed. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.30, postpaid.



Dark Green Norfolk Bloomsdale Savoy Spinach

TAMPALA.

A much advertised vegetable of Chinese origin used as "greens." The leaves are light green and are prepared and cooked like Spinach. Does well in hot weather, and will keep on producing all summer. Pkt., 20c; oz., \$2.25, postpaid.



Vates Wilt and Blight Resistant Virginia Savoy Spinach

LONG STANDING SUMMER SAVOY.

(50 days.) This variety resembles in general appearance a fine strain of Long Standing Bloomsdale, except that it is a shade darker in color and a trifle more savoyed or crumpled and slower in running to seed. A good spinach for late spring and summer. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 75c, postpaid.

PRINCESS JULIANA.

An improved late seeding Spinach very slow to bolt to seed. The leaves are slightly savoyed and quite dark in color. For shipping it is not so good as Long Standing Summer Savoy Bloomsdale. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 75c, postpaid.

DOMINO.

(45 days.) A cross between Old Dominion, and Nobel, developed at the Virginia Truck Experiment Station. The plant is large, dark green, and the leaves are long, broad and thick, with rounded to pointed tip. Not as heavily savoyed or crumpled as Old Dominion, but a heavy yielder. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 75c, postpaid.

NEW ZEALAND.

Also called Everbearing. (50 days.) A "cut and come again" summer variety, and while not botanically related to Spinach, is a good substitute. The large, spreading plants grow vigorously in any soil during hot weather, producing an astonishing quantity of small, thick, pointed dark green leaves which resemble Spinach in appearance and flavor, and when cut, come again in a few days. Plant from April to July, 3/4 of an inch deep in rows 2 1/2 feet apart, dropping 3 or 4 seeds every 2 feet in the row. The seed is hard to germinate and should be soaked 24 hours before planting. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.00, postpaid.



New Zealand Everbearing Spinach

SQUASH

One ounce will plant a row 100 feet long; 2 to 3 lbs., of the bush varieties or 1½ to 2 lbs., of the running varieties will sow an acre in hills; double the quantity if drilled.

Culture: Sow one inch deep from April to July in drills, or in hills in the same manner as cucumbers and melons. The bush varieties should be about 3 feet apart each way, and the running kinds about 8 feet. When the plants are up, thin so as to leave three of the strongest plants, and keep well cultivated.

Bush Varieties

BUTTERNUT. (90 days.) The fruits of this variety average about 8 to 10 inches long. Butternut is practically all meat. The flesh is dry, sweet, fine textured, with excellent flavor for baking and pies. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

UCONN. (55 days.) A non-vining or bushy type of the popular Acorn Squash, and can be grown in a space three feet square. It is extra early, of delicious flavor, and very prolific. It is a dual purpose Squash, as the early immature fruits can be used as a summer squash, while the later fruits can be left to mature until frost and used as a winter squash. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

BENNING'S GREEN TINTED WHITE BUSH.

(52 days.) This popular, beautiful early summer squash or cymbling is preferred by market and home gardeners because of its attractive green tinted skin, even scallops, and delicious quality. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

PROLIFIC EARLY WHITE BUSH. (50 days.) A very early summer squash or cymbling of rather irregular shape, few scallops, and creamy white skin. The flesh is quite thick and of good quality. For home or market, it is less desirable than Benning's green tinted. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

EARLY PROLIFIC STRAIGHTNECK. (50 days.) A prolific early summer squash that grows 12 to 14 ins. long. The plants are bush form, and the fruits are straight, smooth, of an attractive creamy color, and of splendid quality. Edible when only 4 to 5 ins. long. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

EARLY YELLOW SUMMER CROOKNECK.

(53 days.) Our market gardener's strain of this popular summer Squash is early, just the right size and shape, with bright yellow warted skin. Prolific and of good quality. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., 1.50, postpaid.

MAMMOTH WHITE BUSH.

(63 days.) The largest of the summer White Bush Squash or Cymbings. It is medium early, with silvery white skin, and of good quality. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

BLACK ZUCCHINI. (65 days.) This summer variety resembles Coozelle in all respects, except in color, which is a dark blackish green, without striping. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

GOLDEN CUSTARD.

(60 days.) Those who prefer yellow summer bush Squash or Cymbing will find this the best for their use. It is of good size, beautifully colored, and of the best quality. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.



Early Coozelle Squash

EARLY COOZELLE. (60 days.) Our refined market gardeners early strain of this summer variety is increasingly popular with market gardeners and shippers. The cylindrical fruits when young are from 10 to 12 ins. in length, smooth dark green, with lighter green stripes, which change to yellow at maturity. The flesh is very firm and of splendid quality. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

Running Varieties

BOSTON MARROW. (95 days.) A productive fall variety, extensively used for canning. It resembles somewhat the Hubbard Squash in size and shape. The fruits weigh from 7 to 10 lbs., and have hard orange skin. The flesh is rich yellow, quite thick, fine grained, and moist. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

GOLDEN DELICIOUS. (100 days.) A desirable fall variety for canning or pies. The fruits are top shaped, reddish yellow, weighing seven to eight pounds. The golden orange flesh is thick, fine grained and sweet. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

IMPROVED GREEN HUBBARD. (95 days.) A popular winter Squash, somewhat the shape of Boston Marrow, with dark green, warted skin. The flesh is orange color and of splendid quality. 8 to 10 lbs. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00, postpaid.

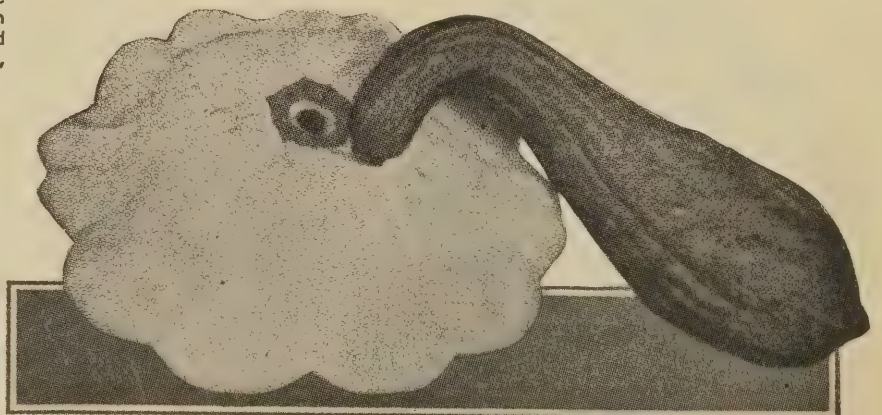
ROYAL TABLE QUEEN. (80 days.) A selection out of Table Queen or Des Moines, with acorn shaped fruits a little longer and broader than the original strain. It is of a dark green color, deeply ribbed, with light yellow flesh of splendid quality. It can be used as a summer or winter squash because it keeps well if left on the vine until the shell becomes hard. Excellent for pies. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

SWISS CHARD OR SPINACH BEET. (See page 7.)

TAMPALA. (See page 31.)

THYME

(*Thymus Vulgaris.*) A favorite herb for seasoning, supposed to possess various medicinal qualities. The plant is perennial, both leaves and tops of stems are utilized. Pkt., 15c; oz., 80c; ¼ lb., \$2.00, postpaid.



Benning's White Bush Squash and Early Yellow Crookneck Squash

TOMATOES

One ounce is sufficient for a row 100 feet long; four ounces will produce enough plants to set an acre.

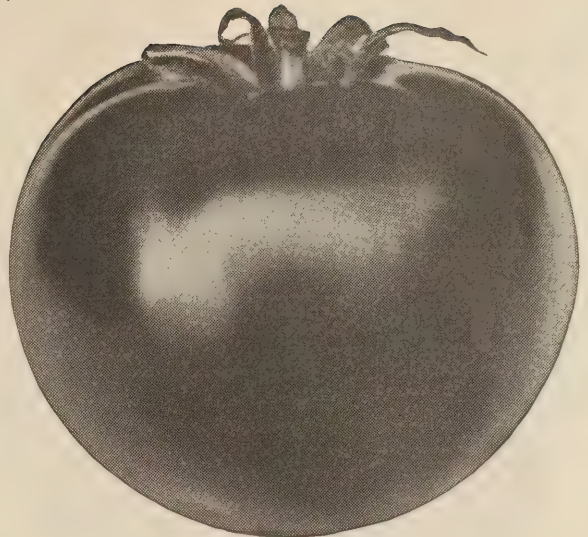
Culture: The Tomato flourishes best in warm, light soil, moderately rich. For early use sow one-eighth inch deep in January or February in a greenhouse hotbed, or, if only a few plants are wanted, they may be sown in a window box. In order to get the plants strong and stocky, they should be transplanted when 2 to 3 inches high, and a second transplanting later on will add greatly to their stockiness. When all danger of frost has passed, set out in the open ground in rows 3 feet apart, leaving the same distance between the plants. For later crops sow in the open ground from April to July as directed. Tomatoes do best when they are supported by brush, or staked. Spray with Bordeaux to prevent blight.

TAIT'S NEW HYBRID TOMATO.

(77 days.) An early mid-season variety of the Marglobe type and color. The flesh is thick, with few seeds, meaty, and of good quality. Good for either market or the home garden. Pkt. (approximately 50 seeds), 25c; 5 pkts., \$1.00; 1/4 oz., \$8.00, postpaid.

BREAK O'DAY.

Wilt Resistant. (68 days.) One of the earliest and most productive tomatoes of large size. The fruits are globe shaped, bright scarlet, with solid flesh of good quality. One of the best varieties for early market or the home garden. Pkt., 15c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.20; lb., \$5.50, postpaid.



Break O'Day Tomato



Certified Rutgers Tomato

RUTGERS.

Wilt Resistant. (75 days.) The most popular and widely grown main crop Tomato to date. The fruit is flattened globe shaped, nice size, and of a pleasing bright scarlet color. The flesh is very solid, and of the most delicious mild flavor of any Tomato. It is a productive variety, and equally good for shipping or the home garden. Splendid for canning or tomato juice. Pkt., 10c; 1/2 oz., 35c; oz., 65c; 1/4 lb., \$1.60; lb., \$4.00, postpaid.

CERTIFIED RUTGERS.

Wilt Resistant. (72 days.) Pkt., 10c; 1/2 oz., 40c; oz., 70c; 1/4 lb., \$1.80; lb., \$4.50, postpaid.

SOUTHLAND.

Wilt Resistant. (75 days.) A main crop Tomato developed at the U. S. Vegetable Breeding Station at Charleston, S. C., to withstand Fusarium Wilt and Collar Rot. It is also resistant to some forms of late blight. The fruits are flattened globe shaped, bright scarlet, of medium size, with thick flesh of good quality. A good variety where the above diseases are prevalent. Pkt., 15c; 1/2 oz., 50c; oz., 95c; 1/4 lb., \$2.40; lb., \$6.00, postpaid.

PAN AMERICA.

Wilt Resistant. (75 days.) This variety was developed to withstand Fusarium Wilt and Nailhead Rust, and should be planted where these diseases are prevalent. The fruits are globular in shape, medium large, bright scarlet, with moderately thick flesh. Pkt., 15c; 1/2 oz., 50c; oz., 95c; 1/4 lb., \$2.40; lb., \$6.00, postpaid.

BONNY BEST.

(72 days.) An old favorite second early variety, with handsome flattened globe shaped scarlet fruit. The flesh is very solid, and of splendid quality. A good variety for forcing under glass. Pkt., 10c; 1/2 oz., 35c; oz., 65c; 1/4 lb., \$1.60; lb., \$4.00, postpaid.

FIRST EARLY.

(63 days.) We believe this is the earliest Tomato in cultivation. The vine is amazingly productive and the scarlet fruit is quite smooth, of good size with solid flesh. Pkt., 15c; 1/2 oz., 55c; oz., \$1.05; 1/4 lb., \$2.60; lb., \$6.50, postpaid.

EARLIANA.

(65 days.) Our market gardeners strain is earlier and larger than most stocks of this variety. The fruit is globe-shaped bright scarlet, of medium size and very prolific. Pkt., 15c; 1/2 oz., 50c; oz., 95c; 1/4 lb., \$2.40; lb., \$6.00, postpaid.

JUNE PINK.

Also called Pink Earliana. (68 days.) This is the earliest crimson-pink tomato. The fruit is of medium size and very prolific. Pkt., 15c; 1/2 oz., 65c; oz., \$1.20; 1/4 lb., \$3.00; lb., \$7.50, postpaid.

BOUNTY.

(65 days.) An early and prolific Tomato. The fruits are of medium size, bright scarlet, and quite solid. The vines are rather small for the heavy set of fruit. Pkt., 15c; 1/2 oz., 60c; oz., \$1.05; 1/4 lb., \$2.60; lb., \$6.50, postpaid.

CERTIFIED VALIANT.

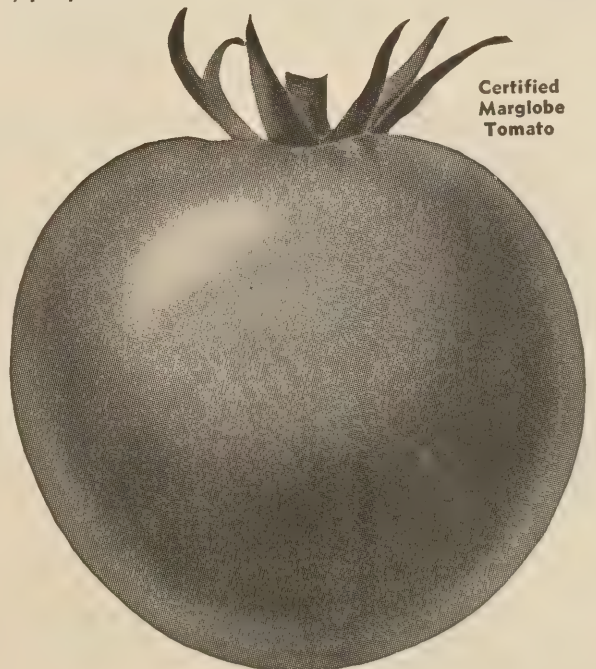
(65 days.) An early scarlet globe shaped Tomato. The vines are rather open. Does best on heavy soil. Pkt., 15c; 1/2 oz., 65c; oz., \$1.20; 1/4 lb., \$3.00; lb., \$7.50, postpaid.

MARGLOBE.

Wilt Resistant. (77 days.) A popular variety, free from nailhead rust. The medium size fruit is smooth and solid deep scarlet in color, and splendid quality. Pkt., 10c; 1/2 oz., 35c; oz., 65c; 1/4 lb., \$1.60; lb., \$4.00, postpaid.

CERTIFIED MARGLOBE.

Wilt Resistant. (77 days.) Pkt., 10c; 1/2 oz., 40c; oz., 70c; 1/4 lb., \$1.80; lb., \$4.50, postpaid.



Certified Marglobe Tomato

TOMATOES—Continued



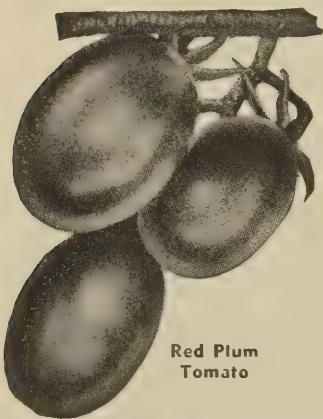
Scarlet Dawn Tomato

STONE. (82 days.) An old favorite much improved in recent years and still popular in some sections. The fruit is bright scarlet, large, smooth, solid, and of good quality. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$1.60; lb., \$4.00, postpaid.

GULF STATE MARKET. (80 days.) A splendid medium large Tomato with crimson-pink skin. The fruit is smooth, globe-shaped, and of excellent quality, good for the fall crop. A good variety for market or the home garden. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00; lb., \$5.00, postpaid.

INDIANA GREATER BALTIMORE. (90 days) One of the best late Tomatoes of attractive appearance. The fruit is large, free from cracks, solid, and of attractive deep red color. Equally good for home, market or canning. Very prolific. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$1.60; lb., \$4.00, postpaid.

BRIMMER. (100 days.) This magnificent Tomato is of huge size and can be grown to weigh over a pound. It has crimson-pink skin, is quite smooth, solid, and of delicious flavor. A splendid variety for the home garden. Pkt., 15c; ½ oz., 85c; oz., \$1.60; ¼ lb., \$4.00, postpaid.



Red Plum
Tomato

Small Fruiting Tomatoes

The fruits of these are well flavored and used for making fancy pickles, preserves and salads.

Red Cherry	Yellow Cherry	Red Pear
Yellow Pear	Red Plum	Yellow Plum

Any of the above varieties: Pkt., 15c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$2.50, postpaid.

PRITCHARD'S SCARLET TOPPER. Wilt Resistant. (78 days.) A fine, second early short branching or self topping Tomato. The vivid scarlet fruits are globe shaped, solid, and of splendid quality. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$1.60; lb., \$4.00, postpaid.

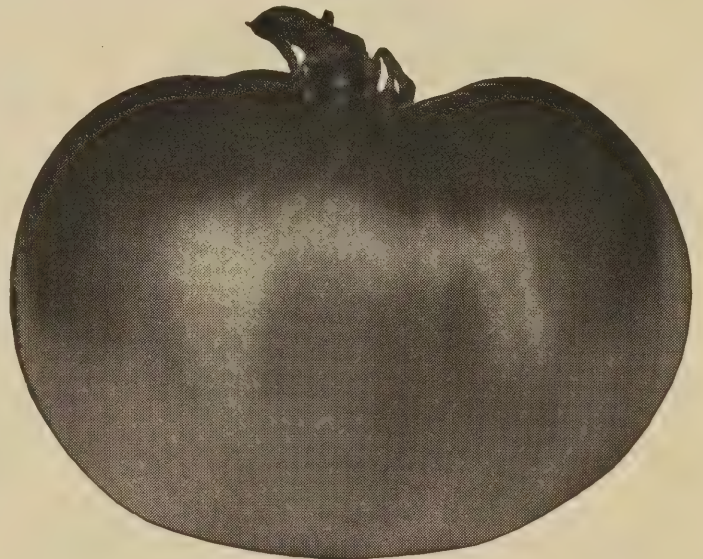
CERTIFIED PRITCHARD'S SCARLET TOPPER.

Wilt Resistant. (73 days.) Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$1.80; lb., \$4.50, postpaid.

STOKESDALE CERTIFIED. (70 days.) An early, scarlet fruited, globe shaped variety with remarkably thick walls. It resembles Marglobe in size and shape and is a full week earlier. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.00; lb., \$5.00, postpaid.

SCARLET DAWN. (72 days.) In this fine Tomato we offer truckers a variety with a strong robust vine and a remarkable bearer. The fruits are just the right size for market, globular in shape, and of an attractive scarlet color and with a thick wall structure, making it especially suitable for hauling at long distance. Equally good for the home garden. Pkt., 15c; ½ oz., 55c; oz., \$1.05; ¼ lb., \$2.60; lb., \$6.50, postpaid.

IMPROVED GROTHEN'S GLOBE. Wilt Resistant. (68 days.) An early, disease resistant variety somewhat resembling Break O'Day but of a deeper red color, medium large; globe shaped and quite solid. Especially adapted to shipping as a green wrap sort. Quite popular in Florida and Texas. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.20; lb., \$5.50, postpaid.



Ponderosa or Beefsteak Tomato

PONDEROSA. Also known as Beefsteak. (100 days.) Quite similar to the Brimmer, but not as smooth. The fruit is large, with deep crimson-pink skin, and of delicious flavor. A splendid home garden variety. Pkt., 15c; ½ oz., 85c; oz., \$1.60; ¼ lb., \$4.00, postpaid.

OXHEART. (110 days.) Gardeners who take pride in growing large Tomatoes will be delighted with this variety of splendid quality. The fruit is nearly oxheart-shape, of enormous size, with crimson-pink skin, and will often weigh 1½ pounds. Pkt., 15c; ½ oz., \$1.25; oz., \$2.40; ¼ lb., \$6.00, postpaid.

GOLDEN PONDEROSA. (100 days.) A handsome yellow Tomato and greatly esteemed because of the remarkable solidity of the flesh. The fruit is large, smooth, of mild flavor and very productive. Pkt., 15c; ½ oz., \$1.25; oz., \$2.40; ¼ lb., \$6.00, postpaid.

JUBILEE. (75 days) A distinct and attractive large oval, globe-shaped variety, with orange yellow fruit. The flesh is solid, with few seeds, and of an especially pleasant mild flavor. Pkt., 15c; ½ oz., \$1.25; oz., \$2.40; ¼ lb., \$6.00, postpaid.

SUNRAY. Wilt Resistant (75 days.) An improvement on Jubilee. The medium size, golden orange globe-shaped fruit has attractive flesh of the same color, which is of delicious mild flavor. A good variety for the home garden. Pkt., 15c; ½ oz., \$1.25; oz., \$2.40; ¼ lb., \$6.00, postpaid.

TURNIPS

One ounce will plant a row 100 feet long; 1½ lbs. for an acre in 2-ft. drills; 3 lbs. when broadcast.

Culture: For early crop, sow ½ inch deep in February or March in rows 2 feet apart, and when large enough, thin to 8 inches in the row. For main crop sow from 10th of July to 1st of September.

WHITE MILAN. (42 days.) An extra early flat turnip with white skin. The fine grained white flesh is of good quality. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

PURPLE TOP MILAN. (42 days.) Identical with the White Milan, except that the skin at the top of the root is purple. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

PURPLE TOP STRAP LEAF. (45 days.) An early flat variety, with white skin and purple around the top. The flesh is white and of good quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

SNOWBALL. (45 days.) A beautiful extra early ball-shaped Turnip with white skin and tender sweet white flesh. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

PURPLE TOP WHITE GLOBE. (55 days.) The most popular Turnip for market or the home garden. Our market gardeners strain is globe-shaped, with purple skin around the top, and white at the bottom, giving it a most attractive appearance. The flesh is pure white, fine grained and sweet. Our Thorobred strain is faultless. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.



Purple Top White Globe Turnip

POMERANIAN WHITE GLOBE.

(70 days.) A large, late flattened globe-shaped Turnip with white skin. Good either for table or stock. The flesh is pure white, and when young, is of good quality. In the vicinity of Norfolk, the leaves are used for "greens." Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

WHITE FRENCH

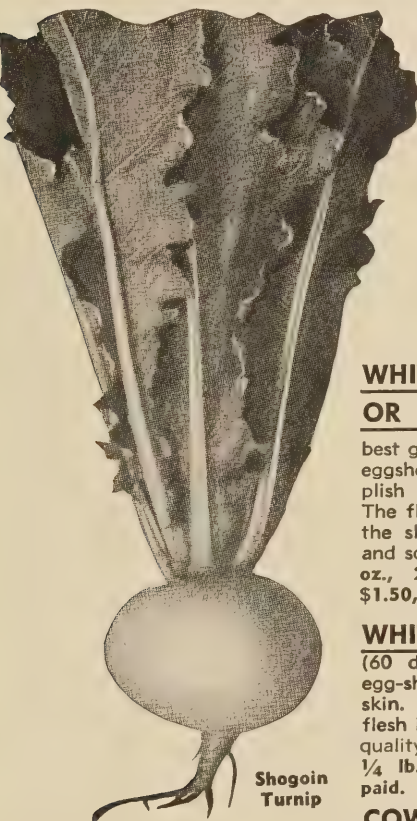
OR ROCK. (80 days.) One of the very best globe-shaped Turnips with eggshell-white skin, tinted purplish green around the top. The flesh is the same color of the skin, fine grained, sweet, and solid as a rock. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.

WHITE EGG.

(60 days.) A splendid early, egg-shaped variety with white skin. The fine grained white flesh is sweet, and of excellent quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

COW HORN.

(70 days.) This long white variety gets its name from its



Shogoin Turnip

shape. It has white skin, with a suggestion of green at the top, and grows half above the ground. The flesh is pure white, of good quality and keeps well. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

AMBER GLOBE.

(70 days.) An attractive large globe-shaped variety with pale amber skin, tinted green around the top. The flesh is light cream, fine grained and sweet. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

GOLDEN BALL.

(60 days.) An attractive medium size Turnip, having light yellow skin, and round as a ball. The flesh is about the same color as the skin, fine grained, solid and sweet. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

YELLOW ABERDEEN.

(75 days.) This well-known globe-shaped variety is used for both table and stock. The skin is light yellow, with purple and amber top, and the flesh is light cream, solid and sweet. A good winter-keeping sort. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

SHOGGIN.

(45 days.) A quick growing dual purpose variety. The medium size white roots are crisp and of fine flavor, while the light green strap leaved tops make delicious "greens." The foliage is quite resistant to aphid damage. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

SEVEN TOP.

(45 days.) Like the Southern Pride or Dixie, this variety is grown only for "greens." Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

SOUTHERN PRIZE OR DIXIE.

(45 days.) Principally grown for its tops for winter or spring "greens." Very hardy. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

MIXED

TURNIPS.

A mixture of Turnips and Rutabagas, giving a variety with one sowing. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

RUTABAGA

TRUE GLOBE-SHAPED. (80 days.) Our market gardeners strain of this splendid Rutabaga is practically neckless. The globe-shaped roots have yellow skin, with purple around the tops. The flesh is yellow, solid, and sweet. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

PURPLE TOP. (80 days.) An excellent strain of the well-known Long Island Rutabaga. The roots are globe-shaped, have yellow skin, purple around the top, with small neck. The flesh is of the same color as the skin, fine grained and sweet. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

MACOMBER. (85 days.) A fine Rutabaga of oval shape and cream tinted skin. The flesh is of the same tone, fine grained, and of a most delicate flavor. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50, postpaid.



True Globe-shaped Yellow Rutabaga

MAKE BIGGER YIELDS

Funk's Hybrids give
consistently high yields
year after year



FROM AVERAGE FIELDS

Funk's Hybrids give
greater yields per acre
on average fields

We are distributors for Funk's "G" Strains of Hybrid Corn

Funk's G Hybrids are consistently good year after year. They have vigorous, early growth, that saves cultivating labor; deep roots that protect against storm damage and enable plants to withstand drought; big, wide leaves for excellent silage; large uniform ears that are easy to husk; and most important, more corn from every acre you plant.

FUNK'S YELLOW HYBRID G-136.

(120 days.) Farmers who have planted this splendid corn have marveled at its performance.

Checks in five different areas in the past year showed an increased yield, averaging 10 to 15 bu. more per acre than other hybrids. Has a wonderful root system, with exceptional good stalk quality, bearing large ears, placed low on the stalk, with beautiful yellow grains. It is highly resistant to corn borer attack, and has outstanding blight resistance. The future will likely see this hybrid the farmer's choice on account of its wide adaptability to soil and climatic conditions. \$11.90 per bu., F.O.B. Norfolk.

FUNK'S YELLOW HYBRID G-704.

(130 days.) Here's a startling newcomer to the now-famous Funk's G-Hybrids.

Bred to fill an urgent need on many Virginia farms. Heretofore, too many otherwise good corns would not thrive right, under the high humidity conditions of the eastern and Tidewater areas. How G-704 now takes care of that situation!

G-704 has the ability to **withstand blight** . . . and provide wonderful **stalk and grain QUALITY**. Fine crops of real corn! Big ears—at right height. As they mature, they dip down to keep water from harboring inside the husk. Clean, easy husking. Grain is of just-right quality, not hard or flinty, but top feed-quality. Stands in great shape. Stalks are made of the right stuff! Stand up. Resist corn borers and other tunneling insects to a remarkable degree. \$11.90 per bushel, F.O.B. Norfolk.

**Funk's G 136 and G 704 are
wonderful high yielding hybrids**

FUNK'S G YELLOW HYBRID No. 145.

(130 days.) A splendid Hybrid with a long, single ear, deep kernels, and well covered tips.

The stalk is medium tall, with a deep root system that withstands wind storms, and the ears hang at a convenient height for either hand or machine harvesting. It is highly resistant to stalk rot disease, and is a high producer of excellent quality grain. Flat Grains—\$11.90 per bu., F.O.B. Norfolk.

FUNK'S YELLOW HYBRID G-50.

(100 days.) An early ideal corn for hogging down in Tidewater Virginia.

A blight resistant hybrid, strong stalked, leafy, and of sturdy growth. It has come into public favor for the uses outlined above. \$11.90 per bu., F.O.B. Norfolk.

FUNK'S G WHITE HYBRID No. 512.

(115 days.) The outstanding white hybrid corn for Virginia or Eastern Carolina.

This splendid corn out yielded and out performed any white hybrid corn at the Holland Experiment Station the past year. It out yielded G 515 W by better than 15 bushels. Flat Grains—\$12.90 per bu., F.O.B. Norfolk.

We also offer these Dependable Hybrids which are Recommended by Agricultural Authorities

U. S. YELLOW HYBRID No. 357A. (140 days.) A fine yellow hybrid with a large ear and deep grain, good husk and high yield of stover, and strong root system. Is resistant to blight. Flat Grains—\$11.90 per bu., F.O.B. Norfolk.

YELLOW HYBRID N. C. 27. (125 days.) This is a good yellow hybrid which has yielded high in all official tests. Besides the high yield record, this hybrid has good strain quality and a strong stalk. The shuck protection is good, and it is above average in storm resistance. Flat Grains—\$11.90 per bu., F.O.B. Norfolk.

YELLOW HYBRID V. P. I No. 802. (135 days.) Earlier than U.S. No. 262, this hybrid has out yielded No. 357; stands up well and is more resistant to "leaf blight" and "stalk rot." \$11.90 per bu., F.O.B. Norfolk.

YELLOW HYBRID U. S. No. 578. (130 days.) An excellent hybrid, similar in size and characteristics to U. S. No. 262, and in tests, has yielded more than that variety. Resistant to certain southern diseases. \$11.90 per bu., F.O.B. Norfolk.

U. S. YELLOW HYBRID No. 262A. (140 days.) This splendid hybrid resists blight well, and makes high yields. It has large ears, with broad, deep grains, which are a little harder than the grain of No. 99 and No. 357. Flat Grains—\$11.90 per bu., F.O.B. Norfolk.

DIXIE 17. (120 days.) A high yielding white hybrid well adapted to most Piedmont and Coastal Plain sections. The stalks are medium tall, producing two medium size ears with well covered husks. It has a red cob, and while it is designated as a white variety, the grains actually are tinted with pink. \$11.90 per bu., F.O.B. Norfolk.

YELLOW HYBRID DIXIE 18. (135 days.) This hybrid is recommended for upper and lower coastal plain areas. It has a strong stalk and roots, tight shuck, fine quality grain, weevil proof, and high yield. \$11.90 per bu., F.O.B. Norfolk.

YELLOW HYBRID OHIO C-54. (110 days.) A very early hybrid for the Southern and Piedmont areas. Has strong shanks, roots and stalks, reducing picking to a minimum. Ear medium size with medium deep grains. \$11.90 per bu., F.O.B. Norfolk.

FIELD CORNS

White Field Corn

IT PAYS TO PLANT GOOD SEED CORN
A Pint Weighs a Little Less Than a Pound;
a Bushel Weighs Fifty-six Pounds.

EARLY PROLIFIC. (130 days.) On rich land this prolific variety will grow 10 to 12 feet high, and produce 3 to 4 medium-size ears with 10 to 12 rows of medium deep grains to the stalk. A splendid sort for those who prefer a prolific corn. **Lb., 50c; 2 lbs., 75c; 5 lbs., \$1.25; 10 lbs., \$1.90, postpaid. Not prepaid, \$4.95 a bushel.**

LATHAM'S DOUBLE EAR.

(130 days.) This splendid open pollinated white corn is unreservedly recommended for Tidewater Virginia and Eastern North Carolina. When planted early on rich land under ideal conditions, this desirable white corn will produce an enormous crop. Stalk grows 9 to 10 feet, bearing usually two large ears, with 14 to 16 rows of deep grains. Our seed is carefully grown from certified seed and is superior to most corns sold under this name. **Lb., 50c; 2 lbs., 80c; 5 lbs., \$1.35; 10 lbs., \$2.10, postpaid. Not prepaid, \$6.15 a bushel.**

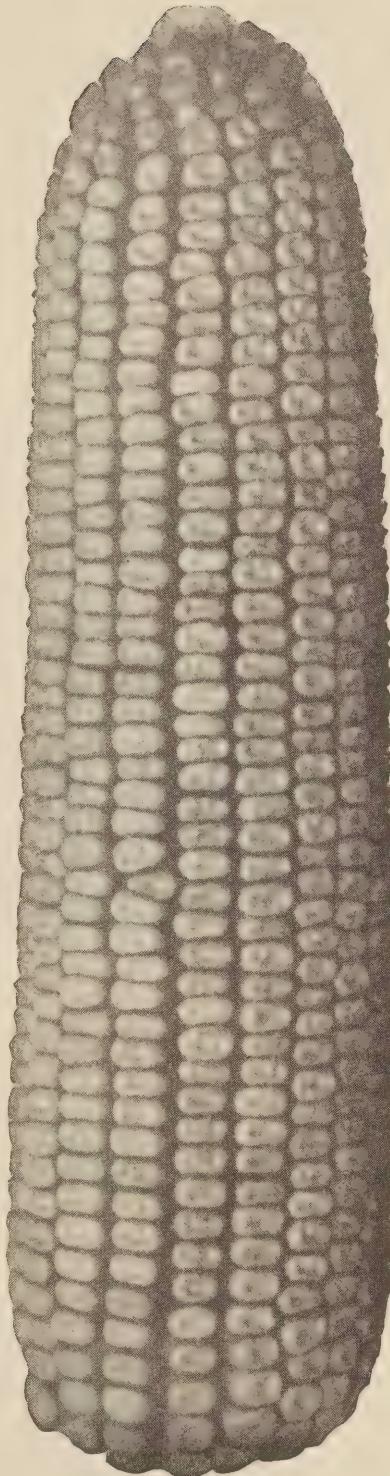
DIXIE. (125 days.) An early maturing prolific white corn. Stalk grows 8 to 10 feet high, bearing usually 2 large ears with 14 to 16 rows of deep broad flinty grains. A good sort for thin land. Makes good meal. **Lb., 50c; 2 lbs., 75c; 5 lbs., \$1.25; 10 lbs., \$1.90, postpaid. Not prepaid, \$4.95 a bushel.**

SILVER KING. (90 days.) This early white corn grows 6 to 8 feet high, bearing long ears with 14 to 16 rows of deep grains on a small cob. Makes splendid early roasting ears in 70 days, and is often used in the South for this purpose. **Lb., 50c; 2 lbs., 80c; 5 lbs., \$1.35; 10 lbs., \$2.10, postpaid. Not prepaid, \$6.15 a bushel.**

SILVER MINE. (90 days.) An early white corn that grows 7 or 8 ft. high, bearing large ears with 14 to 16 rows of fairly deep grain. It makes roasting ears in 75 days, and is often used in the south for this purpose. **Lb., 50c; 2 lbs., 80c; 5 lbs., \$1.35; 10 lbs., \$2.10, postpaid. Not prepaid, \$6.15 a bushel.**

SNOWFLAKE. (125 days.) A selection from White Dent, with large ears and deep grains. A splendid sort for meal, and often used in the south for late "roasting ears." **Lb., 50c; 2 lbs., 80c; 5 lbs., \$1.35; 10 lbs., \$2.10, postpaid. Not prepaid, \$6.15 a bushel.**

Open Pollinated Varieties



Golden Supreme Corn

HICKORY KING. (125 days.) A well known white corn, remarkable for its extremely small cob. Stalk grows from 6 to 8 feet, bearing usually two medium-size ears with 8 rows of very large grains. A good sort for thin light land. **Lb., 50c; 2 lbs., 75c; 5 lbs., \$1.25; 10 lbs., \$1.90, postpaid. Not prepaid, \$4.95 a bushel.**

EUREKA. (140 days.) A popular white ensilage corn that produces an enormous tonnage per acre. The stalk grows 12 to 15 feet high, usually bearing two long ears with 12 to 14 rows of medium grains. The grains are hard and thick, and make good meal. Especially adapted to growing on rich low land. **Lb., 50c; 2 lbs., 75c; 5 lbs., \$1.25; 10 lbs., \$1.90, postpaid. Not prepaid, \$4.95 a bushel.**

Yellow Field Corn

IT PAYS TO PLANT GOOD SEED CORN
A Pint Weighs a Little Less Than a Pound;
a Bushel Weighs Fifty-six Pounds.

GOLDEN SUPREME. (110 days.) This excellent open pollinated yellow corn in our opinion is the best variety for the Tidewater section of Virginia and Eastern Carolina. The stalks grow 8 feet high, bearing ears 10 to 14 ins. long, with 14 to 16 rows of deep golden grain. **Lb., 50c; 2 lbs., 75c; 5 lbs., \$1.25; 10 lbs., \$1.90, postpaid. Not prepaid, \$4.95 per bushel.**

IMPROVED GOLDEN DENT.

(120 days.) A well known early yellow corn. The stalk grows 8 feet high, bearing ears with 14 to 16 rows of medium deep, golden grain. Good either for hard corn or ensilage. **Lb., 50c; 2 lbs., 75c; 5 lbs., \$1.25; 10 lbs., \$1.90, postpaid. Not prepaid, \$4.75 per bushel.**

JARVIS GOLDEN PROLIFIC.

(120 days.) This popular prolific yellow corn with a white cob has won many prizes in Virginia and North Carolina. The stalk grows about 8 feet high, bearing medium size ears with 12 to 14 rows. **Lb., 50c; 2 lbs., 75c; 5 lbs., \$1.25; 10 lbs., \$1.90, postpaid. Not prepaid, \$4.95 per bushel.**

ARASAN. All Corn should be treated, and Arasan is the best disinfectant for treating Corn. 2 ozs. will treat 100 lbs. $\frac{3}{4}$ of an ounce 30c; 8 ozs., \$1.15; 2 lbs., \$3.65, prepaid.

CROW REPELLENT. Protect your corn from damage by crows, woodchucks and other corn pulling birds and animals. It is non-poisonous. $\frac{1}{2}$ pt. can, 80c (treats 1 bu. of seed); pt. can, \$1.25, postpaid. Order with your seed.

STANDARD VARIETIES GRAIN USEFUL IN THE SOUTH

AS PRICES ON GRAINS ARE CONSTANTLY CHANGING, WRITE FOR PRICES BEFORE ORDERING

BARLEY

Forty-eight pounds to the bushel. Two bushels per acre.

The value of Barley for winter pasturage has not been generally recognized, but many Southern dairymen have adopted it as one of their main crops for this purpose, using it also for hay. If intended to be cured for hay, the head should not be allowed to form. Sowings are made both in spring and fall.

CALHOUN. Yields well, and ripens a little earlier than Wong. A stiff strawed hybrid, this variety shows resistance to Mildew and Barley Stripe, and to some races of loose smut. It is a six rowed variety, heads slightly awnleted, but recognized generally as smooth headed. (Write for prices.)

WONG. A semi-bearded six-rowed barley of exceptional merit. It has a strong stiff straw, with upright heads, making it easy to combine. It is resistant to cold and smut, and frequently will yield over 50 bushels per acre. (Write for prices.)

OATS

Thirty-two pounds to the bushel. Two bushels per acre.

ANDREW. An early maturing spring open panicle yellow grain oat, resistant to smut and victoria blight. (Write for prices.)

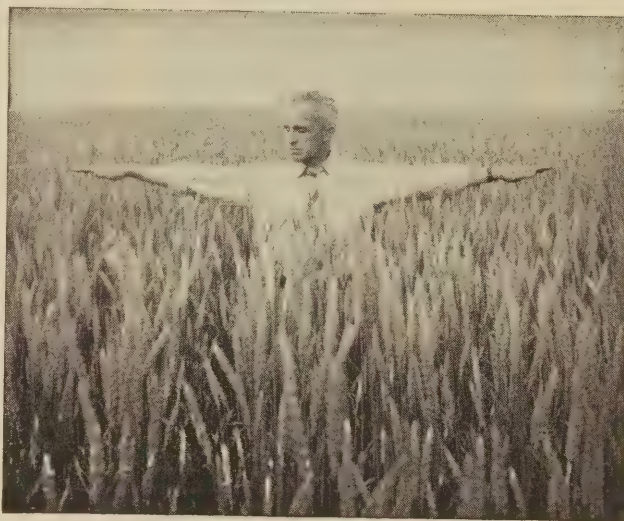
ARLINGTON. An excellent yielder of high quality oats, this variety is well adapted to Virginia, and is very desirable for winter pasturage. It grows rapidly, and is a prolific stooler. (Write for Prices.)

FULGRAIN. One of the most widely grown Oats for grain in Virginia and North Carolina. It matures early, is disease resistant; stools well, and a vigorous grower. (Write for prices.)

VICTORGRAIN.

A splendid variety that does well in nearly all sections of Virginia and North Carolina, and is preferred by many growers to Fulgrain. It is resistant to "smut" and makes a heavy yield of both straw and grain. (Write for prices.)

LEE COLD PROOF. A dependable variety combining earliness of Fulgham with cold-resistance of Winter Turf, and will probably produce as much hay or grain as any other spring-sown oats. (Write for prices.)



A fine field of Vahart Wheat
(Picture courtesy of Extension Service, Blacksburg, Va.)

BUCKWHEAT

Forty-eight pounds to the bushel. One bushel per acre.

Buckwheat thrives where few other plants will, and makes a cheap cover crop. In the latitude of Norfolk it may be sown from June to August either in drills or broadcast. Requires little preparation and is a good crop to smother weeds or for bees. It also makes good flour.

JAPANESE. A distinct variety, early and very productive. The plant is large and vigorous, and the flour made from it is of the best quality. (Write for prices.)

Abruzzi Rye, the Best for the South.

RYE

Fifty-six pounds to the bushel. One and one-half bu. per acre.

For winter pasturage few crops compare with Abruzzi Rye, its adaptability to almost all soils and situations being enough to make it a universal favorite. Inexpensive, very productive and of remarkable nutritive value. It also ranks among the best green manures, and is very largely used for that purpose. Our Abruzzi Rye is genuine and must not be confused with inferior sorts of Rye often offered as Abruzzi.

ABRUZZI. The best variety of winter rye for the South. It is ready for grazing about ten days earlier than any other sort, and will produce nearly as much grain. (Write for prices.)

We endeavor to have all of our grain carefully grown from pedigreed stocks. They are always properly treated, and of the highest purity and germination.

WHEAT

Sixty pounds to the bushel. One and one-half bushels per acre.

ATLAS 50. This variety has shown excellent resistance to Powdery Mildew and good resistance to Leaf Rust. An excellent yielder of quality grain, which has good milling and baking qualities. This heavy yielding variety should be tried by every grower of wheat. (Write for prices.)

ATLAS 66 WHEAT. Very similar to Atlas 50. Beardless, stiff strawed, high yielding. Has about the same winter hardiness and maturity at Atlas 50. (Write for prices.)

VAHART. This splendid beardless or smooth variety is an improvement on Redhart, and does well in nearly all sections of Virginia and Carolina. It has stiff straw and fair resistance to stem rust. (Write for prices.)

THORNE. A beardless or smooth wheat that has given good results in nearly all sections of Virginia and North Carolina. It has a relatively short straw, stems up nicely, and yields well. (Write for prices.)

Barley - Oats - Wheat Should be Treated with CERESAN M Before Sowing—A New Low Cost Grain Disinfectant For Dry or Slurry Application.

Prices: 14 oz., \$1.45; 3 lb. tin, \$3.75, postpaid. See description on page 77.

REMEMBER IT NEVER PAYS TO PLANT INFERIOR SEED GRAIN

COMBINE MILO

Certified Combine Martin's Milo

6 to 8 lbs. per acre in rows 3 to 3½ feet.

A variety of Milo that has become popular because of its heavy yield per acre. Grows about 30 ins. high, with heads that vary in length from 6 to 9 ins. The kernels resemble those of Yellow Milo. Matures in about 100 days and is well adapted to harvesting with a combine harvester. 1 lb., 40c; 5 lbs., \$1.30; 10 lbs., \$2.30, postpaid. (Write for prices in larger quantities.)

HEGARI

Certified

NOTE: Hegari should be used instead of Kaffir Corn, as it makes a larger growth and heavier yield.

50 lbs. to the bushel; 6 lbs. per acre in 18-inch rows.

Considered by many one of the most valuable of all grain sorghums. It is similar in growth and appearance of grain to Kaffir Corn, but makes a larger leaf growth, stools better, and makes a heavier yield per acre. It has a semi-sweet stalk, and will yield about 1500 to 1800 lbs. of grain per acre. Matures in about 120 days, and can be planted the same as corn. The stalk is readily eaten by animals, either in the process of pasturing off in the field following removal of the heads, or in the form of harvested forage, which makes it a favorite with farmers and livestockmen. It also makes good chicken feed. Height 8 to 10 feet. 1 lb., 40c; 5 lbs., \$1.30; 10 lbs., \$2.30, postpaid. (Write for prices in larger quantities.)

MILLET

Tennessee Golden Millet

Fifty pounds to the bushel; 50 to 75 pounds per acre.

Sow broadcast from May to August. Makes an enormous yield of hay, and is usually in best condition for cutting just as the heads begin to form, usually about 50 days after sowing. A favorite use is to follow early potatoes. Never put Millet on poor ground. Lb., 35c; 5 lbs., \$1.00; 10 lbs., \$1.75, postpaid. (Write for prices in larger quantities.)

Pearl or Cat-Tail Millet

Fifty pounds to the bushel; 6 pounds per acre, in rows; 30 pounds per acre when broadcast.

Sow from May to August. This variety will grow 10 feet high, but should be cut when 3 or 4 feet high. It will stool out enormously after being cut, and can be cut several times as it keeps growing until frost. Lb., 55c; 5 lbs., \$1.75; 10 lbs., \$3.00, postpaid. (Write for prices in larger quantities.)



Sweet Sudan Grass

SORGHUM

FOR FODDER ONLY

50 lbs. to the bushel; 2 bushels per acre broadcast.

Sow from May to August. When grown for hay, it should be sown thickly so that the stalks do not have a chance to get too large. Will often produce from three to five tons of cured hay per acre. When grown for summer feeding, it should be sown in rows 2½ feet apart, leaving about eight stalks to the foot, using 15 lbs. to the acre. When grown for hay, the quality and value will be much improved if 15 lbs. of sorghum and a bushel of either soy beans or mixed cowpeas are sown per acre. If grown for syrup, sow 6 lbs. to the acre. Height 8 to 10 feet.

AMBER. (60 days.) An early tall and very productive variety that makes good green or cured feed. 1 lb., 35c; 5 lbs., \$1.00; 10 lbs., \$1.75, postpaid. (Write for prices in larger quantities.)

ORANGE. (65 days.) A good variety for stock seed, as it is very leafy, and has more saccharine content than Amber Sorghum. Lb., 35c; 5 lbs., \$1.00; 10 lbs., \$1.75, postpaid. (Write for prices in larger quantities.)

SUGAR DRIP. (70 days.) An excellent sort and often used for making syrup, which is of splendid quality, and will also make as large a yield of seed or forage as any other variety. Lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.65, postpaid. (Write for prices in larger quantities.)

SWEET SUDAN GRASS

A great improvement on ordinary Sudan Grass. It is a cross between Leota Red Sorghum and Common Sudan. It has broader leaves and larger stems than ordinary Sudan, and because of its sweetness it is relished by all livestock. It is destined to take the place of all other varieties of Sudan. Do not pasture until it is at least two feet high, as the sugar does not start setting before that height. **SWEET SUDAN GRASS** combines roughage, bulk and savory sweetness—more palatable to livestock, more profitable to feed. 1 lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.65, postpaid. (Write for prices in larger quantities.)



Early Amber Sorghum

SUDAN GRASS

50 lbs. to the bushel; 35 lbs. per acre broadcast; 6 lbs., in 18-inch drills

Sow from May to August. It is of finer growth than Sorghum, and will produce more and better hay than millet, as when sown early it can be cut two or three times. It is easily mowed, and cures readily. We recommend our customers to use only Sweet Sudan Grass. Lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.65, postpaid. (Write for prices in larger quantities.)

TEOSINTE

50 lbs. to the bushel; 4 lbs. per acre.

Sow from May to August in rows 3 feet apart, dropping two or three seeds every foot. This Central American plant in general appearance bears considerable resemblance to Indian Corn, but has broader and longer blades. It is of very rapid growth, and will often attain a height of 12 feet. It produces an amazing number of shoots on each plant, and in favorable seasons may be cut several times. Lb., 85c; 5 lbs., \$3.35; 10 lbs., \$6.25, postpaid. (Write for prices in larger quantities.)

MISCELLANEOUS FIELD SEEDS

SHELL BEANS

DWARF HORTICULTURAL.

(62 days.) This variety is sometimes used as a snap, but more generally as a shell bean. The 5 in. light green pods are splashed with carmine, and are not stringless. Pkt., 15c; 1/2 lb., 35c; lb., 70c; 2 lbs., \$1.20; 5 lbs., \$2.40; 10 lbs., \$4.20, prepaid. Write for prices in larger quantities.

RED KIDNEY BEANS.

(90 days.) A popular commercial variety with 4 1/2-inch oval pods. Pkt., 15c; 1/2 lb., 35c; lb., 65c; 2 lbs., \$1.05; 5 lbs., \$2.10; 10 lbs., \$3.60, postpaid. Write for prices in larger quantities.

WHITE NAVY BEANS.

(80 days.) Best known commercial variety, with 4-inch pods. The plants are large, spreading, with many runners. On account of the weevil, Navy Beans should not be planted in the latitude of Norfolk until after July 1st. Pkt., 15c; 1/2 lb., 30c; lb., 55c; 2 lbs., 90c; 5 lbs., \$1.65; 10 lbs., \$2.70, postpaid. Write for prices in larger quantities.

SOY OR SOJA BEANS

WRITE FOR PRICES ON SOY BEANS

Tests on the nutritive value of Soy Beans demonstrate that they are excellent for feeding purposes, and recognized as one of the most important forage crops for the South, as well as a nitrogen gatherer of the greatest value. The plant thrives in hot, dry weather and does equally well on heavy and light soils. Either broadcast or in drills from May to July. Sow broadcast 1 to 1 1/2 bushels to the acre of the large seeded varieties and 1/2 bushel to 3 pecks of the small seeded varieties. In drills sow about 1 1/2 pecks of the large varieties and about 1 peck of the small varieties.

VIRGINIA. (125 days.) An excellent variety to plant for hay, as it has small stems, and is leafy. Height 3 feet.

WILSON. (120 days.) One of the earliest varieties, and very prolific. A good sort to plant for hay, as it has small stems and is leafy. Height 3 feet.

HABALANDT. (130 days.) A valuable early all-purpose bean. It produces a splendid quality forage, and heavy yield of seed. Height 2 1/2 feet.

EARLY YELLOW. (140 days.) Considered a great improvement on the Mammoth Yellow. It is earlier, more productive, and the beans do not shatter. Height 3 feet.

OGDEN. (140 days.) A green seeded variety of outstanding merit. It yields heavily, is non-shattering, and has an unusual oil content. Height 3 feet.

VOLSTATE. (150 days.) A high yielding yellow seeded variety that is well liked by a good many growers. An exceptionally good oil bean. Height 3 1/2 feet.

TOKIO. (150 days.) Probably the heaviest yielder of both hay and seed, and should be more extensively grown. Height 3 feet.

MAMMOTH YELLOW. (150 days.) A popular late variety, extensively grown for both seed and forage. Height 3 feet.



Early Yellow Soy Beans

planted from April to July. Field Beans are handled in much the same way as the garden varieties, except that the drills must be at least 2 feet apart, and the plants are thinned to about 10 inches in the row. Cultivation must be constant and thorough to keep down the weeds until the plants are well developed.

MAMMOTH LONG RED. An improved strain of the Long Red, which grows very large and well out of the ground. It has long, straight roots of a medium red color; does best on light soils. Oz., 20c; 1/4 lb., 45c; lb., \$1.10, postpaid.

SLUDSTRUP. This variety has been repeatedly awarded the highest honors in the Danish Agricultural Exhibitions. The color is a reddish yellow, and while the roots do not grow as long as those of the Mammoth Long Red, the growth is more above ground, thicker and heavier. Desirable sort. Oz., 20c; 1/4 lb., 45c; lb., \$1.10, postpaid.

YELLOW GLOBE. A large and productive variety. It keeps well, and is the best kind for soils which are rather shallow. Oz., 20c; 1/4 lb., 45c; lb., \$1.10, postpaid.

CROTALARIA

A remarkable fast growing legume that produces a heavy growth of foliage for humus, and a high percentage of Nitragin from the nodules in the roots. It is wonderful for building up poor soil too low in fertility for other crops.

The seed should be sown from April to July 1 1/2 inches deep, using 6 to 8 lbs. of seed, if planted in 3 ft. rows; or 20 to 25 lbs. if sown broadcast. For best results, the seed should be scarified and inoculated to produce quicker germination.

GIANT STRIATA. One of the best varieties on account of its tremendous growth and seed production. Grows rapidly, choking out weeds and grass, and frequently will yield ten to fifteen tons of green manure per acre. When this is turned back into the soil with the nitrogen gathered by the nodules on its roots, yields of corn and other crops are increased enormously. (Not edible.) Lb., 45c; 5 lbs., \$1.60; 10 lbs., \$3.05, postpaid. Write for prices in larger quantities.

VELVET BEANS

60 lbs. to the bushel; 50 lbs. per acre, broadcast; 25 lbs., in drills.

100-DAY SPECKLED.

Suggested to improve the soil. Sow in June or July one inch deep, in rows 3 feet wide, leaving 12 inches between the beans in the row, and give one cultivation. The vines make such remarkable growth that they soon cover the ground with dense foliage. In more northerly sections, where the pods will not mature, the vines make good pasturage for cattle. (Write for prices.)

STOCK BEETS or MANGLE

Culture: 6 to 8 pounds of seeds are allowed per acre, and they are

COTTON

Our Cotton Seed is treated with 2% Ceresan. Selected varieties (30 lbs. to bu.). 1 to 1½ bu. per acre.
ON ALL ITEMS LISTED BELOW WRITE FOR PRICES ON LARGER QUANTITIES

Culture: The cultivation of Cotton varies considerably of course, according to the locality and soil, but in general the ground should be prepared by thorough plowing and harrowing, with rows of 40 to 50 inches apart, 5 feet being given where the land is unusually rich. Seeding is best done with the cotton planter, and the young plants should be thinned to about 18 or 20 inches in the rows; if the ground is very rich, two plants may be left in a hill, but otherwise only one. Frequent shallow cultivation is necessary to keep the surface free from crust, and planting should never be done until danger of frost is passed.

CERTIFIED COKER 100. (Wilt Resistant.) An early dwarf variety with well formed fruiting branches and thin dark green foliage. The medium bolls are round ovate, slightly pointed, and open wide. About 70 to the pound. The lint is 1 1-16 inches in length, and will run 36 to 38%. One of the best varieties for wilt infested soils. The seed we offer is delinted and treated with Ceresan. **Peck, \$1.50, postpaid; bu., \$4.50, not prepaid. Write for prices in larger quantities.**



Running
Jumbo Peanuts

RUNNING JUMBO.

The largest variety, and especially adapted to light, sandy soil. They yield the highest percentage of large kernels. Twenty-two pounds to the bushel. Plant 3 bushels to an acre. **Lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50, postpaid. Write for prices in larger quantities.**

Treat Peanuts
with
Arasan

Treating Peanut seed with Arasan prevents much of the loss from rotting. Arasan increases the average stand of Peanuts by a third more plants from treated seed than from untreated seed. Cost less than 10c per acre for treating. **Oz., 20c; 8 ozs., 90c; 4 lbs., \$5.45, postpaid.**

Culture: Peanuts do well on most southern farm land, whether light, loamy or even sandy, providing lime is not lacking; for without an abundant supply of lime they cannot be successfully grown, 1200 to 1500 pounds being often put upon an acre, with good results. Soils rich in marl, of course, require no liming. Plant in May or early June, the dwarf varieties in 2½-foot rows and the running varieties in 3-foot rows, dropping one nut every 10 to 12 inches in the rows, covering 1 to 1½ inches deep, and the Peanuts should be shelled before planting. If large quantities are to be planted, a regular Peanut planter should be used. When the vines are started, thorough cultivation must begin and continue until just before the nuts begin to form. Do not cultivate too late in the season, as late cultivation is likely to injure the formation of the nuts. Do not plant on the same land two years in succession.

MAMMOTH BUNCH. This is by far the most profitable of dwarf varieties, the nuts are almost as showy as those of the Running Jumbo. Twenty-two pounds to the bushel. Plant 3 bushels to an acre. **Lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50, postpaid. Write for prices in larger quantities.**

SPANISH. Land which would not make 10% of a crop of the Jumbo will often produce excellent bunch Spanish nuts, they require very little cultivation. Are easily gathered, the nuts clinging firmly to the roots at harvest, and no kind cures so readily. Immense quantities are now grown simply for hogs, hardly any food being more fattening or wholesome. Thirty pounds to the bushel. Plant 1½ to 2 bushels to an acre. **Lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50, postpaid. Write for prices in larger quantities.**

CERTIFIED DELTAPINE 14. One of the best cottons for soil not infested with "wilt". It has good fibre quality, 1-16 to 1⅞ staple. Its excellent staple and productiveness under adverse soil and weather conditions make it a most desirable sort. The seed we offer is delinted and treated with Ceresan. **Peck, \$1.50, postpaid; Bu., \$4.50, not prepaid. Write for prices in larger quantities.**

2% Ceresan

INCREASE YOUR COTTON PROFITS 10 TO 20%

Two per cent Ceresan generally protects the seed against decay-ing in cold, wet soil and the young seedling against damping-off. A pound treats 5 bushels. **1½ lbs., \$1.95; 4¾ lbs., \$4.10, postpaid.**

FLAX

Flax is very sensitive to cold and should not be sown until all danger of frost is past. When sown for the fiber, two bushels are usually sown to an acre. **Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**

PEANUTS

Our Peanuts are Unshelled

Treat Peanuts
with
Arasan

AUSTRIAN WINTER PEAS

Considered by some southern growers equal to Hairy Vetch as a winter hay crop or for improving the soil. In the South they mature earlier than Vetch, making it possible to follow the Peas with cotton. They should be planted in Sept. or Oct., and can usually be plowed under in time for spring crop. They may also be planted in Feb. for forage crop. Bushel, 60 lbs. For an acre, when sown alone, 60 lbs. When sown with one bu. of rye or two bu. of oats, 30 lbs., **Write for prices.**

COW PEAS

One of the cheapest and best crops for hay and improving the soil.
Sow in May, June or July. 60 lbs. to the bushel; 1 to 1½ bushels per acre.

Black. (90 days.) A popular, low growing vining pea. Equally good for forage, turning under, growing in corn, or for hog pasture. Also used for culinary purposes. **Lb., 70c; 2 lbs., \$1.20; 5 lbs., \$2.40; 10 lbs., \$4.20, postpaid. Write for prices in larger quantities.**

Gray Crowder, Blue Goose, or Taylor. (75 days.) An early speckled variety sold under many names, of upright growth and long vine. It also makes a heavy yield of shelled Peas. **Lb., 70c; 2 lbs., \$1.20; 5 lbs., \$2.40; 10 lbs., \$4.20, postpaid. Write for prices in larger quantities.**

Clay. (85 days.) A late variety of running habit and medium vine. A good sort for improving the soil. **Write for prices.**

Mixed. (80 days.) In many instances, mixed Cow Peas grow thicker and produce a better crop of vines and forage than single varieties sown alone. When grown for soil improvement only, we recommend mixed Cow Peas. **Write for prices.**



Austrian Winter Peas

EDIBLE PEAS

While sometimes used for forage and soil improvement, Black Eye and Crowder Peas are also used for the table, as they are well flavored, and usually bring good prices, both in the green and dry state.

EARLY WILT-RESISTANT

RAMSHORN. (60 days.) Extremely prolific for its small upright vine. Best Black Eye variety for early market. Height 2½ feet. **Lb., 60c; 2 lb., 95c; 5 lbs., \$1.80; 10 lbs., \$3.00, postpaid.** Write for prices in larger quantities.

LARGE WILT-RESISTANT.

RAMSHORN. (70 days.) Probably the most vigorous and heaviest yielding Black Eye Pea. Height 3 feet. **Lb., 65c; 2 lbs., \$1.00; 5 lbs., \$1.90; 10 lbs., \$3.20, postpaid.** Write for prices in larger quantities.

GRAY CROWDER, BLUE GOOSE,

OR TAYLOR. (80 days.) A large, speckled pea with long pods. Very prolific and of good flavor. Height 3 feet. **Lb., 70c; 2 lbs., \$1.20; 5 lbs., \$2.40; 10 lbs., \$4.20, postpaid.** Write for prices in larger quantities.

BROWN OR CREAM, CROWDER.

(80 days.) An early prolific variety preferred by many as the best table sort. The Peas are generally of good size and delicious flavor. Height 2½ feet. **Lb., 70c; 2 lbs., \$1.20; 5 lbs., \$2.40; 10 lbs., \$4.20, postpaid.** Write for prices in larger quantities.

CANADA PEAS

60 lbs. to the bushel

These are valuable for stock feeding, and are being more largely used each season. They are planted at the rate of two bushels to the acre broadcast, being usually sown with oats, a combination which is extremely satisfactory. A bushel and a half of each to the acre is sufficient, the Peas, of course, being plowed into the usual depth and the oats put in afterwards with a harrow. Sowings may be made as early as February in ordinary years, and it is usually safe to put them in at any time up to the middle of March. They make a quick growth and produce an immense amount of the best forage at a time when feed is apt to be particularly scarce. When grown with oats they are very easily cured, and all kinds of stock are fond of the hay, the nutritive value of which is remarkably high. **5 lbs., \$1.55; 10 lbs., \$2.50, postpaid.** Write for prices in larger quantities.



Rape

RAPE

An excellent forage plant for poultry and all kinds of stock, especially sheep and hogs. Grows with wonderful rapidity, being usually ready for pasturage in 6 or 8 weeks, and will thrive in almost any soil. Do not turn stock into a Rape pasture when very hungry or when the Rape is wet, as it may cause bloating. The stock should have access at all times to plenty of salt. When young, Rape makes a delicious, tender, sweet salad, and is often sown solely for this purpose. Sow ½ inch deep from early summer until late fall, either in rows or broadcast. When sown broadcast, it requires 6 to 8 lbs. In 3-ft. rows, 3 lbs. per acre. **Lb., 55c; 5 lbs., \$1.60; 10 lbs., \$2.60, postpaid.** Write for prices in larger quantities.

SUNFLOWER

MAMMOTH RUSSIAN. This variety is a great improvement on the native Sunflower and it is adapted to almost any soil and situation. Poultry are extremely fond of the seed, and when thus fed fatten more rapidly, perhaps, than on any other food. Plant one inch deep in rows three or four feet apart, leaving 18 inches between the hills, and cultivate the same as corn. When the seeds are hard, cut off the heads and pile them loosely in a well-ventilated place to cure; they may then be easily threshed out and cleaned. For an acre six pounds. **Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.25, postpaid.** Write for prices in larger quantities.

VETCH, WINTER or HAIRY

After the most thorough tests, the best informed farmers now consider *Vicia villosa* (Winter Vetch) one of the most valuable forage plants within the reach of southern farmers. Good authorities claim that it will yield from six to ten tons of green food to the acre, and its nutritive value has been determined to be much greater than clover. It makes good and easily-cured hay, and is perfectly hardy, thriving on poor, arid, sandy soils, while on rich soil it makes a growth of five or more feet. Any kind of grain may be sown with it, to support the vines, but rye or oats will be found more satisfactory, and we think particularly good results will be obtained from 20 pounds of Vetch with one bushel of Oats per acre, sown in September or early October. It is available for use a remarkably long time, as it is green through the winter and remains in condition until the middle of July, all stock eating it with the greatest relish. May be cut very early in spring, thus releasing ground for other early crops. For an acre, 30 lbs. with one bushel of oats. **Write for prices.**

TOBACCO

All of Our Tobacco Is Treated

Culture: 1 oz. of Tobacco will sow 50 sq. yds., and produce approximately 10,000 plants. In making the seed bed, select a fertile piece of ground, which should be burned over, or treated with some good weed killer, to destroy grass, weeds, insects, etc. The seed should be broadcast over the surface in February, and should be protected by plant bed cloth to keep off tobacco flies. The plants should be set out when large enough (about June 1st) in rows 3½ ft. wide, leaving 3 ft. between the plants. Constant care must be given to cultivation, suckering and keeping the plants free of worms.

VIRGINIA GOLD. A vigorous, medium tall variety, with large stalk and broad leaves. Does well on any type of soil, including stiff land. When growing, the leaves have a yellow cast, and should be matured before primed. **Pkt., 15c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00; lb., \$9.00, postpaid.**

YELLOW SPECIAL. A popular, high yielding lug type bright tobacco for medium and light soils. Has a large, easily cured leaf, held on a strong stem, and is somewhat resistant to Root Rot and Black Spot. **Pkt., 15c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00; lb., \$9.00, postpaid.**

YELLOW SPECIAL A. This tobacco must not be confused with Yellow Special, as it bears little resemblance to this variety. It has become very popular in some sections of the old belt. Has good size, with broad leaves of rather thin texture. **Pkt., 15c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00; lb., \$9.00, postpaid.**

N. C. No. 402. Developed at the Oxford, N. C. Tobacco Station. Has a long, broad leaf, and has been grown over a wide range of soils. Should be allowed to ripen thoroughly on the stalk before pulling. A high yielding good Cigarette Tobacco. **Pkt., 15c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00; lb., \$9.00, postpaid.**

GRASSES AND CLOVER

The ideal time for sowing Grass and Clover Seeds, in the latitude of Norfolk, is from March to May in the spring and from September to December in the fall, except where noted.

As a rule, most people are far too careless with regard to the quality of the grass and clover seeds they buy. Like everything else, grasses and clovers may be had to order at any price, but the farmer who thinks that he has saved money by buying cheap seeds need feel no surprise if he fails in getting a stand, or if his fields are covered the next season with weeds previously unknown. The purity and germination of our grass and clover seeds may be relied upon with the same confidence that is universally felt with regard to our garden and flower seeds.

SPECIAL GRASS MIXTURE FOR HAY, MEADOWS, AND PASTURES

(see page 1)



GRASSES

On all items below, write for prices on larger quantities

BENT, AGROSTIS TENUIS. (Astoria Creeping.) Rapid-growing grass. Its short growth, spreading habit, deep green and fine-leaved foliage make it very useful for fine lawns and putting greens. Prefers a moist soil. Height, 12 to 18 inches. Bu., 16 lbs. Sow 35 lbs. to the acre. Lb., \$1.50; 5 lbs., \$7.00; 10 lbs., \$13.50, postpaid.

BENT, COLONIAL. (Agrostis Capillaris.) Sometimes called Brown Top and nearly identical with Rhode Island Bent. Makes excellent turf and is permanent in cool climates under close cutting. Lb., \$1.40; 5 lbs., \$6.75; 10 lbs., \$13.00, postpaid.

BENT, AGROSTIS PALUSTRIS. (Seaside Creeping.) Another useful grass for lawns, although the foliage is not so deep as the above variety. Adapts itself to almost any soil, and spreads by means of surface runners. Height, 12 to 18 inches. Bu., 16 lbs. Sow 35 lbs. to the acre. Lb., \$1.50; 5 lbs., \$7.00; 10 lbs., \$13.50, postpaid.

BERMUDA UNHULLED. (Cynodon Dactylon.) For hot and dry locations in the South, this variety is well adapted. Does best when sown in mild weather, preferably from April to October. Height 6 to 12 inches. Bu., 36 lbs. Sow 15 lbs. to the acre. Lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.50, postpaid.

BERMUDA HULLED. The seed of Hulled Bermuda is much smaller and goes further than the unhulled seed. Germinates more quickly, and is preferred by a great many people. Sow 10 lbs. to the acre. 1 lb., \$1.15; 5 lbs., \$5.50; 10 lbs., \$10.50, postpaid.

BLUE, KENTUCKY. (Poa Pratensis.) This well known grass requires several years to become thoroughly established, but when once well set, will improve each year. As pasture grass it is extremely valuable. Its smooth, even growth, spreading habit and rich green color make it one of the best grasses for lawns. Height, 10 to 18 inches. Bu., 21 lbs. Sow 35 lbs. to the acre. Lb., \$1.00; 5 lbs., \$4.75; 10 lbs., \$9.00, postpaid.

CARPET GRASS. Known also as Louisiana Grass, and recommended for the Coastal Plain area of the South for pasture grass. It should be sown in the South for pasture grass only. It should be sown from early spring until early summer. It is strictly a pasture grass and does splendidly when sown with Japan Clover. Bu., 28 lbs. Sow 15 lbs. to the acre. Lb., \$1.25; 5 lbs., \$6.00; 10 lbs., \$11.50, postpaid.

HERD'S GRASS. (See Red Top, page 44.)

LAWN GRASS. (See inside front cover.)

MILLET. (See page 39.)

DALLAS GRASS. (Paspalum Dilatatum.) A desirable grass for hay or grazing, especially in the far South. While it can be grown on a great variety of soils, it does best on heavy, moist land. It can be grazed from early spring to a killing frost. Sow in early spring. Plant only Australian grown seed, as domestic seed contains too many weeds. Height 16 inches. Bu., 15 lbs. Sow 7 to 10 lbs. per acre. 1 lb., \$1.50; 5 lbs., \$7.25; 10 lbs., \$14.00, postpaid.

FESCUE, ALTA. (Festuca Elatior Arundinacea.) A new strain of Tall Fescue adapted to a wide range of soil and climatic conditions. Its heavy deep rooting habit makes it valuable for erosion control, and it stays green over a long period for grazing. May be seeded spring or fall. Height, 30 inches. Bu., 22 lbs. Sow 20 lbs. to the acre. Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.50, postpaid.

ALTA FESCUE. (Certified seed.) Lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.00.

FESCUE, CHEWINGS. (Festuca Rubra.) This creeping-rooted species thrives on all sorts of soils, forming a close and lasting turf. Is very valuable as a lawn grass for shady spots. Height, 18 to 24 inches. Bu., 22 lbs. Sow 40 lbs. to the acre. Lb., \$1.00; 5 lbs., \$4.75; 10 lbs., \$9.00, postpaid.

FESCUE, KENTUCKY No. 31. This grass was discovered by Mr. Suiter, and agriculture authorities say that it is identical in growth and adaptability with Alta Fescue. Height, 30 ins. Bu., 22 lbs. Sow 20 lbs. to the acre. Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.50, postpaid.

KENTUCKY 31 FESCUE. (Certified seed.) Lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.00.

FESCUE MEADOW. (English Blue Grass.) (Festuca Pratensis.) For permanent pasture or for hay, Meadow Fescue will prove very satisfactory. It does not attain its full productive power until 2 or 3 years after sowing. Succeeds best in cold, moist light soil. Height, 3 feet. Bu., 22 lbs. Sow 40 lbs. to the acre. Lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50, postpaid.



Red Top or Herd's Grass

Special Mixtures for Golf Links and Polo Grounds

TAIT'S PUTTING GREEN MIXTURE. A mixture of extra fine grasses that will make a close, firm, green, lasting turf, improving with trampling. \$60.00 per 100 lbs., delivered.

TAIT'S FAIR-WAY MIXTURE. A mixture for the ground in general. \$50.00 per 100 lbs., delivered.

GRASSES—Continued

On all items below, write for prices on larger quantities

CREeping RED FESCUE. (*Festuca Rubra*.) Very similar in growth to Chew-ing's Fescue, but with more of a creeping habit. Has a softer texture, deeper color, and is considered superior for lawns. Height, 18 to 20 ins. Bu., 22 lbs. Sow 40 lbs. to the acre. Lb., \$1.00; 5 lbs., \$4.75; 10 lbs., \$9.00, postpaid.

ORCHARD. (*Dactylis Glomerata*.) Most employed in permanent meadows, either for pasture or mowing. Very hardy, and thrives in nearly all sorts of climate and soil. The hay is of excellent quality, and will endure considerable shade. Cutting should be done while in flower, as stalks tend to mature hard. Height, 24 to 36 inches. Bu., 14 lbs. Sow 35 lbs. to the acre. Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00, postpaid.

RANDALL. (See Meadow Fescue.)

RED TOP, OR HERD'S. (*Agrostis Vulgaris*.) While this hardy native peren-nial grass does best on moist soils, it, however, will do well on a variety of soils, even in dry situations. Sown alone or in mixture, it makes a very fine permanent pasture. Height, 18 to 30 inches. Bu., 40 lbs. Sow 15 lbs. to the acre. Lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.50, postpaid.

RYE, ENGLISH PERENNIAL. (*Lolium Perenne*.) Succeeds well on almost all cultivated soils, and produces a strong growth 4 to 5 weeks after sowing. Height, 18 to 30 inches. Bu., 28 lbs. Sow 50 lbs. to the acre. Lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50, postpaid.

RYE, ITALIAN. (*Lolium Italicum*.) While lasting only one year, Domestic Rye Grass, a rapid-growing and productive grass is coming more and more into general use, for winter and spring grazing and for beautiful winter lawns. Height, 18 to 30 ins. Bu., 24 lbs. Sow 50 lbs. to the acre. Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.00, postpaid.

ROUGH STALK MEADOW. (*Poa Trivialis*.) A fine leaved grass, and one of the few varieties that thrive in shady situations. Resistant to drought. Height, 15 to 20 inches. Bu., 25 lbs. Sow 35 lbs. to the acre. Lb., 85c; 5 lbs., \$4.00, 10 lbs., \$7.50, postpaid.

TIMOTHY. (*Phleum Pratense*.) This well-known grass succeeds best in strong, rich clay soils, but yields well on any land which is not excessively dry and sandy. Generally sown by itself, but often mixed with clover and red top. Height, 18 to 30 in. Bu., 40 lbs. Sow 15 lbs. to the acre. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00, postpaid.

CLOVERS

On all items below, write for prices on larger quantities

ALFALFA OR LUCERNE. (*Medicago Sativa*.) One can hardly estimate the value of Alfalfa where it succeeds, as the yield per acre each season is generally four or five cuttings of about two tons each. The hay is remarkably palatable and the feeding value has been scientifically estimated to be worth nearly twice that of the very best Timothy. Droughts which would either destroy or quite stop the growth of ordinary plants have no effect upon Alfalfa, as its roots penetrate to astonishing depths in search of moisture, and the effect upon the land is highly beneficial. Alfalfa can be sown in either fall or spring. The cleaner the ground, the better the stand will be, as young Alfalfa is so slender and delicate that it is easily smothered by weeds. Sow on deep, well-drained, good loamy land. Alfalfa will not grow on acid soils, and to correct this condition, spread 1 to 1½ tons of finely ground lime to the acre after plowing, and a few weeks before sowing. Cutting should be done always as blooming begins. Bu., 60 lbs. Sow 30 lbs. to the acre. Kansas grown U. S. Verified Origin. Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.50, postpaid.

ALSIKE. (*Trifolium Hybridum*.) A very hardy variety and will withstand extremes of heat, drought and cold better than any other clover. Owing to its tendency of lying down on the ground and its somewhat bitter taste, it should always be sown in mixture with other clovers and grasses. Does well on soil which is too acid or moist for other clovers. Bu., 60 lbs. Sow 12 lbs. to the acre. Lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.50, postpaid.

CRIMSON. (*Trifolium Incarnatum*.) This valuable annual variety grows from 1½ to 3 feet high, and has long cone-shaped, dark red blossoms. The stem is smaller than that of Red Clover and is apt to fall over unless supported by Rye or some stronger plant. Sowing is begun during the last of July and continues until the last of October. Farther south it can be sown later. A common practice is to sow the seeds in furrows of corn and cotton fields at the time of the last cultivation. A mixture of Rye and Clover makes good winter pasture. Bu., 60 lbs. Sow 20 lbs. to the acre. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00, postpaid.

LADINO. The wonderful pasture clover. A mammoth strain of White Clover that grows twice as large as ordinary White Dutch Clover. It is a long lived perennial, with very deep tap root, and the stems run along on the ground taking root. It is excellent for graz-ing, and will also produce a large crop of palatable hay. Bu., 60 lbs. Sow 4 to 5 lbs. per acre. It makes an ideal pasture when sown with Orchard Grass. 10 or 12 lbs. of Orchard Grass and 2 or 3 lbs. of Ladino Clover. Lb., \$1.60; 5 lbs., \$7.75; 10 lbs., \$15.00, postpaid.

LADINO. (Certified Seed.) Lb., \$1.80; 5 lbs., \$8.75; 10 lbs., \$17.00.

Your cheapest feed—a good pasture—Ladino Clover, Orchard Grass, Alta Fescue, Kentucky 31 Fescue, and Lespedeza will provide grazing from April through October, except during a long drouth. (See page 1.)

WILLIAMSBURG ALFALFA

A new high yielding strain

This new Alfalfa was developed at the Williamsburg Experi-ment Station, and in trials at Virginia Experiment Stations out-yielded all other varieties. For the first time, it will be offered this spring in limited quantities, and farmers who intend to plant this strain should place their orders early. Write for prices.

CLOVERS—Continued

MAMMOTH RED. (*Trifolium Pratense Perenne*.) Known also as Pea-Vine, Sapling Clover, and Cow Grass. It is a vigorous perennial, and grows from 4 to 6 feet high. The stalk is coarse when cured, and stock usually reject all except the leaves. Bu., 60 lbs. Sow 15 lbs. to the acre. Lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.50, postpaid. (Write for prices on larger quantities.)

MEDIUM RED. (*Trifolium Pratense*.) This well-known clover is indispensable on every well-managed farm. It not only furnishes fine pasturage and excellent hay crops, but it is one of the cheapest and most effective mediums for improving worn-out land. Its enormous root development greatly loosens and ventilates the earth and the turning under of the entire plant is very beneficial on account of the humus obtained. Red Clover on good land will yield two cuttings a year, and should be cut for hay when in full bloom. Bu., 60 lbs. Sow 15 lbs. to the acre. Lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.50, postpaid. (Write for prices on larger quantities.)

WHITE DUTCH. (*Trifolium Repens*.) Every permanent pasture should have some White Clover. It is adapted to all soils, and makes a small, close compact growth like a carpet. Bu. 60 lbs. Sow 10 lbs to an acre. Lb., \$1.35; 5 lbs., \$6.50; 10 lbs., \$12.50, postpaid. (Write for prices in larger quantities.)

SWEET WHITE BLOOMING. (*Melilotus Alba*.) This biennial Clover is adapted to almost any kind of soil, grows from 3 to 5 feet high, and on rich soil, can be cut three times. Bu., 60 lbs. Sow 15 lbs. to the acre. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00, postpaid. (Write for prices on larger quantities.)

KOREAN LESPEDEZA. This variety is an annual and particularly adapted for high altitudes where ordinary Japan Clover will not reseed. It is also earlier, grows more rapidly and has larger foliage. Bu., 25 lbs. Sow 25 lbs. to the acre. Lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50, postpaid. (Write for prices in larger quantities.)

KOBE LESPEDEZA. A late annual variety of spreading growth, but when sown thickly, stands up well. A mixture of this and Korean will lengthen the grazing season. 1 bu., 25 lbs., Sow 25 lbs. to the acre. Lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50, postpaid. (Write for prices on larger quantities.)

SERECIA LESPEDEZA. A perennial variety of this useful clover that is becoming very popular. The seed should be scarified before planting. For an acre, 3 to 5 lbs. when sowed in rows; 25 lbs. broadcast. Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00, postpaid. (Write for prices on larger quantities.)



Medium Red Clover



Crimson Clover

IT PAYS
TO
INOCULATE
ALL CLOVERS
WITH
NITRAGIN

The market prices of Grasses and Clovers are constantly changing; quotations by mail or wire furnished upon application. In large quantities they are sold strictly net cash, "F.O.B. Norfolk."

All quotations subject to change without notice.

APPROX. 70,000,000 LBS. OF AIR-NITROGEN
ABOVE EVERY ACRE. THIS IS AVAILABLE
FREE FOR SOIL AND CROP IMPROVEMENT IF YOU
**CONVERT LEGUME SEEDS
INTO FERTILIZER PLANTS**

Inoculating by **NITRAGIN** with

ALFALFA
RED CLOVER
SWT. CLOVER
COWPEAS
PEAS
VETCH
A. W. PEAS
SOYBEANS
LESPEDEZA
PEANUTS
BEANS
ALL-LEGUMES

BUILD UP YOUR SOIL Inoculate Your Legumes
With NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA Sweet, Bur, Hubam Clovers	LESPEDEZA—Hulled or Unhulled
Size Retail	Size Retail
1 bu. ea. ....\$ .55	100 lb. size (Inoculates up to 100 lbs. seed) ...\$.55
100 lb. ea. .... .75	

CLOVERS Red, Alsike, Crimson, White and Ladino	SOYBEANS (All Varieties, Including Edible)
1 bu. ea. .... .55	2 bu. ea. ....\$ .40
100 lb. ea. .... .75	5 bu. ea. .... .60

PEAS (All Varieties) VETCHES (All But Crown)	LUPINES (All Varieties)
100 lb. size (Inoculates up to 100 lbs.) ea. ....\$ .50	100 lb. size (Inoculates up to 100 lbs. seed) ....\$ .50

BEANS—Navy, Pinto, Wax, String, Kidney, Gr. Northern	GARDEN SIZE Garden Peas and Beans Sweet Peas, Lupines and Edible Soybeans
1 bu. ea. .... .55	Enough for 8 lbs. seed Retail Price 15c each.

PEANUTS, COW PEAS	SPECIAL CULTURES—
2 bu. ea. ....\$ .40	Give name of seed when ordering. Birdsfoot Trefoil, Lima Beans, Big Trefoil, Crown Vetch, Sesbania, Sainfoin, Kudzu, Others upon request.
	1/8 bu. ea. ....\$ .18
	1 bu. ea. .... .65

NITRAGIN—Oldest and Most Widely Used Inoculator in America

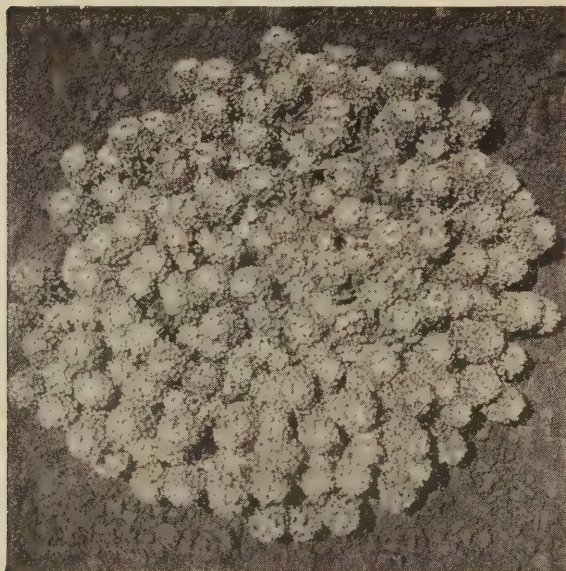
TAIT'S CHOICE FLOWER SEEDS

Full Directions for Sowing Seeds Under Culture A, B, C, etc.,
Will Be Found on Page 65

Tait's Flower Seeds are from the best growers, and are of
the highest quality.

Most flower seeds are exceedingly small, and should be sown in light sandy soil that has not been fertilized, and covered to a depth equal to three times their own diameter.

Annuals. These flowers are those that flower and mature seed in one season. Annuals are divided into two classes—hardy and half-hardy. In the latitude of Norfolk, the hardy annuals may be sown out-of-doors from the middle of March to the middle of May. The seeds of a good many hardy annuals will winter over, and germinate the following spring, and when once established in the garden, will come up each year without much attention. The half-hardy annuals should be sown in a greenhouse or hotbed during March or April, and transplanted to the open ground after the nights have become warm in May.



Alyssum, Royal Carpet

ALYSSUM

Annual—Culture "A", Blooms May to November

A popular hardy annual of easy culture. Splendid for rock gardens or edgings for beds and borders. The fragrant, small flowers bloom in profusion throughout the summer.

Prices of all varieties listed below:

Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 65c; oz., \$1.00

Carpet of Snow. A very select strain growing about 4 inches high, and often 12 to 18 inches in diameter. A bed in bloom has the appearance of a carpet of snow.

Violet Queen. Violet flowers. Height 5 inches.

Lilac Queen. Lilac flowers. Height 6 inches.

Saxatile Compactum (Basket of Gold). This variety is a perennial with bright yellow flowers, and is used principally for rock gardens and borders. Height 9 inches.

Royal Carpet. A top winner in the All American Selection for 1953. The plants grow about 6 ins. tall, with a 10 inch spread, and the flowers come in pleasing shades of purple. Excellent for borders. Pkt., 25c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.50; 1 oz., \$10.00.

Biennials. The life of Biennials is two years. They grow from seed the first year, rest over the winter, bloom and bear seed the second season, and then die.

Perennials. More interest is being taken each year in old-fashioned Perennials and Biennials, and they are so easily grown from seed that they should be in every garden. Our list includes those that are best adapted to our southern climate.

These bloom from seed the second year, and come up in increasing numbers year after year. The stems die down each season after blooming, and come up each spring from the roots. In the latitude of Norfolk, time can be saved by sowing the seed in the early fall out-of-doors, setting the plants out when large enough. When this method is followed, they will bloom the following spring. Many Perennials if sown in hotbeds in January, or out-of-doors early in April, will bloom the same year.

DIRECTIONS FOR SOWING FLOWER SEEDS (See page 65)

AGERATUM

Annual—Culture "A", Blooms June to frost

A splendid annual, bearing its dense clusters of small fuzzy blossoms all summer. Does well in nearly all locations and soils.

Blue Perfection. Deep amethyst blue. Of compact growth and a fine bedder. Height 9 inches....Pkt., 10c; 1/4 oz., 40c; 1/2 oz., 75c

Blue Ball. Deep amethyst-blue. Height 8 inches.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c

Midget Blue. Fine dwarf compact rich blue. Height 6 inches.

Pkt., 15c; 1/8 oz., 75c

AMARANTHUS MOLTEN FIRE (See Molten Fire).

AMARANTHUS GLOBOSUS (See Gomphrena).

ANCHUSA

Annual—Culture "A", Blooms June to October

Capensis, Blue Bird (Cape-forget-me-not). A pretty annual, blooming all summer. Large forget-me-not like flowers of purest blue, on slender stems with small foliage. Very attractive in beds and fine for cutting. Height 18 inches.

Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 45c; oz., 75c

ANTIRRHINUM (See Snapdragon).

AQUILEGIA (See Columbine).

ARCTOTIS

Annual—Culture "A", Blooms June to October

A lovely annual with daisy-shaped flowers more easily grown from seed than Gerberas and just as attractive. Height 2 feet.

Grandis. White, blue eye. Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 60c.

Sutton's New Hybrids. Mixed shades.

Pkt., 15c; 1/8 oz., 75c; 1/4 oz., \$1.35; 1/2 oz., \$2.50



Arctotis Hybrids, Autumn Shades

TAIT'S Wilt Resistant ASTER

Annual—Culture "A", Blooms June to October

Asters will thrive in most any situation, but prefer one in which they get the morning sun. It is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms with longer stems, and more profuse flowering. They should have an open position, and prefer a good, heavy loamy soil, enriched with a liberal quantity of bone meal, or garden fertilizer. When wanted for cutting with long stems they should be set out not closer than 12 inches apart in rows.

The asters offered represent the finest introductions to date.

IMPROVED GIANT CREGO ASTERS

(Wilt-Resistant)

This is a fine all purpose variety blooming in mid-August. Flowers of the Comet type, the twisted and curled petals give the flower the appearance of a huge flat chrysanthemum. They often measure 5 inches in diameter and are borne on strong, long stems averaging 12 to 15 inches in length. Although the flowers are large, they are produced in abundance. Height 2½ feet.

Azure Blue	White	Pink	Purple
Crimson	Deep Rose	Mixed Colors	
Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50			

COLLECTION—Package each of 6 Colors.....50c

QUEEN OF THE MARKET ASTERS

(Wilt-Resistant)

An improved wilt-resistant strain of this well-known early flowering Aster. It is of branching habit, bearing good-sized flowers on long stems. Height 1½ feet.

Light Blue	Blush Pink	White	Purple
Rose	Crimson	Mixed Colors	
Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50			

COLLECTION—Package each of 6 Colors.....50c

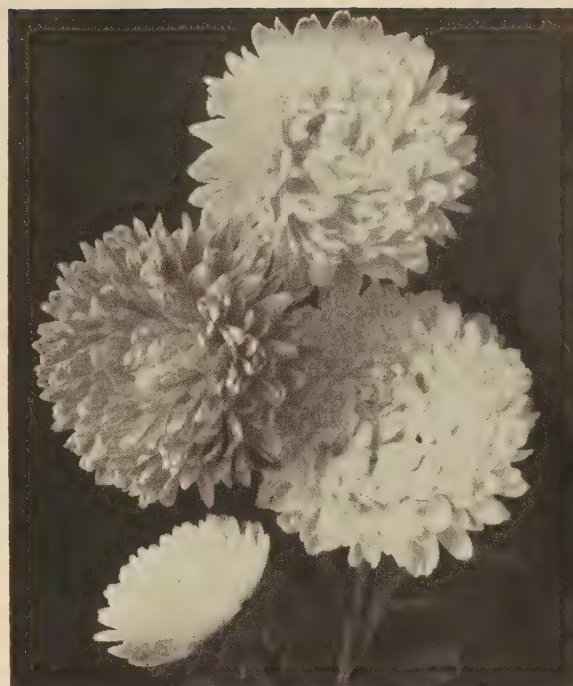
BALLET QUEEN. Deep salmon rose. First of a new type of Queen Asters with full centers, larger flowers, longer stems and a very high wilt resistance.

Pkt., 25c; ¼ oz., 75c; ½ oz., \$1.25; 1 oz., \$2.00

Ballet Queen Mixed Colors. Pkt., 25c; ¼ oz., 75c; ½ oz., \$1.25; 1 oz., \$2.00



Improved Giant Crego Asters



American Branching Aster

AMERICAN BRANCHING ASTERS

(Wilt-Resistant)

We offer below eight splendid wilt-resisting Asters, of American origin, and especially adapted to our climatic conditions. The plants form strong bushes and when properly fertilized and cultivated, produce wonderful flowers 4 to 5 inches across on long stout stems, blooming in late August. Height 2½ feet.

Dark Blue	Crimson	Purple	Rose
Shell Pink	White	Azure Blue	Mixed Colors
Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.50			

COLLECTION—Package each of 7 varieties.....60c

PRINCESS ASTER

(Wilt-Resistant)

An ideal type for florists. The flowers, borne on long stems, have a crested center that remains full when the flower is completely open, and is surrounded by multiple rows of guard petals. An exceedingly good shipper. Fine for home gardeners because of high wilt resistance. Plants are two to two and a half feet tall; of branching habit, and bloom in late August.

Elizabeth. Pure white.	Barbara. Orchid.
Margaret. Florist rose.	Bonnie. Soft salmon pink.
Susan. True deep blue.	Golden Sheaf. Yellow.

Mixed Colors

Pkt., 10c; ¼ oz., 85c; ½ oz., \$1.60; oz., \$3.00

GIANT SUNSHINE ASTERS

A wonderful improvement over the old California Sunshine. The clear and beautiful colors are varying shades of Pink, Apple Blossom, Rose, Blue and Lavender. A dual tone effect is obtained through contrasting light yellow and blue centers. The outer or guard petals are somewhat loosely placed, creating an airy lace-like effect, which is altogether charming. Blooms in early September. Height 2 feet.

Mixed Colors—Pkt., 15c; ¼ oz., 85c; ½ oz., \$1.60; oz., \$3.00

TAIT'S CHOICE FLOWER SEEDS

BABY BLUE EYES

Annual—Culture "B", Blooms April and May

This annual is of compact habit of growth, and does well in shady places. The small, dainty flowers are of a beautiful sky-blue shading lighter toward the center. Height 6 inches.

Pkt., 10c; ¼ oz., 25c; ½ oz., 45c; oz., 85c

BABY'S BREATH

Annual—Culture "B", Blooms May to October

An attractive annual producing quantities of graceful, small, delicate flowers in white on long stems. For continuous bloom plant every ten days. Splendid for mixed bouquets.

Covent Garden (White).....Pkt., 10c; ½ oz., 30c; oz., 50c

Perennial—Culture "E", Blooms April to September

A pretty free flowering perennial, with misty white panicles, and used largely in mixed bouquets.

Paniculata. Single white.....Pkt., 10c; ½ oz., 35c; oz., 60c

Paniculata. Double white.....Pkt., 25c; 1/16 oz., 50c; ½ oz., 85c

BACHELOR BUTTON (See Cornflower; Gomphrena).

BASKET OF GOLD (See Alyssum).

BALSAM

Annual—Culture "A", Blooms June to October

This old garden favorite is sometimes called "Touch-me-not." It has been improved so that it is one of our showiest annuals. The plants grow 2 feet high, and lovely double flowers that measure 2½ inches across nestle among the rich green foliage. It is easy to grow, and will succeed in almost any good soil.

Camellia-Flowered. Beautiful double flowers of extra size. Mixed colors.....Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; oz., 85c

BELLIS PERENNIS, ENGLISH DAISY

Biennial—Culture "G", Blooms April to July

The double English Daisy. A biennial which must be sown each year from seed. Useful for combining with pansies and forget-me-nots in borders. Height 6 inches.

Monstrosa. Large double flowers. Red, White, Rose.

Pkt., 25c; ⅛ oz., 75c; ¼ oz., \$1.25

Mixed Colors.....Pkt., 15c; ⅛ oz., 65c; ¼ oz., \$1.00

BLACK-EYED SUSAN (See Thunbergia).

BLUE BONNET (See Scabiosa Caucasia).

BLUE BONNET (See Annual Lupins).

BLUETS (See Cornflower).

BLUE SAGE (See Salvia).



Gypsophila (Baby's Breath)



Calendula Campfire

BROWALLIA

Annual—Culture "B", Blooms May to October

Elata. A beautiful easily grown free-flowering tender annual. The star-shaped flowers are a lovely shade of amethyst-blue. Excellent for edging or baskets. Height 1 foot.

Pkt., 10c; ⅛ oz., 25c; ¼ oz., 40c; ½ oz., 75c; oz., \$1.35

BUTTERFLY FLOWERS (See Schizanthus).

CALENDULA

Annual—Culture "B", Blooms June to October

One of the most popular and easily grown hardy annuals, thriving even in poor soil. Blooms from midsummer until frost, if the seed pods are picked off.

Yellow Colossal. A larger and better Calendula than Sunshine or Chrysantha. The flowers are a clear bright yellow, and measure 4 inches across. Height 15 inches.

Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00

Ball's Gold Improved. A splendid variety and used largely by florists. The large double flowers are a rich golden orange with a light center, borne on long stems. Height 15 inches.

Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00

Radio. The petals of this large double flower, instead of being flat, are beautifully quilled, forming an almost globular golden orange flower.Pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 75c

Campfire, or Sensation. A beautiful orange-scarlet Calendula with yellow center. The lovely flowers of flattened shape are often over 3 inches in diameter, and are borne on long stems. Height 15 inches.Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00

Ball's Supreme. Large double flowers of light orange with brown centers. Height 15 ins...Pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 75c

Ball's Masterpiece. Rich orange, brown center. Height 15 inches. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 75c

Lemon King. Rich lemon-yellow. Height 15 inches.

Pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 75c

Mixed Varieties. A mixture of Calendulas in shades of yellow and orange. Height 15 inches.....Pkt., 10c; ½ oz., 30c; oz., 50c

CALIFORNIA POPPY (See Eschscholtzia).

CALLIOPSIS

Annual—Culture "B", Blooms May to Frost

A graceful, hardy annual with finely cut foliage, and brilliant daisy-shaped flowers in many shades of yellow and brown. Does well in most any location and soil, and blooms continuously from May to frost. Height 2 to 3 feet....Pkt., 10c; ½ oz., 30c; oz., 50c

TAIT'S UNRIVALED PANSIES

Biennial—Culture "G", Blooms April to July

A popular biennial and one of our specialties. The seed we offer is produced by the best Pansy growers in the world, and for size and coloring Tait's mixtures are unsurpassed. In the south while the seed may be sown in the spring, a longer blooming season will result when the seed is sown in August and September, as the plants need only a slight protection to go through the winter. Pansies do best in cool moist soil that is protected from winds and the mid-day suns. Height 8 inches.

PANSIES IN SEPARATE COLORS

Alpenglow. Rich garnet and ruby red shades with dark blotches. Very outstanding. Pkt., 25c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.50; 1 oz., \$10.00.

Blue Boy. Clear pure silvery lilac. A bed of this variety gives a very striking effect. Pkt., 25c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.50; 1 oz., \$10.00.

Giant Yellow. A pure golden yellow that can be used in almost any color combination. One of the most popular named varieties. Pkt., 25c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.50; 1 oz., \$10.00.

Rheingold. Deep golden yellow with large black blotches on lower petals. Pkt., 25c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.50; 1 oz., \$10.00.

Ullswater (Lake of Thun). A splendid true ultramarine blue. The most beautiful of all blue varieties, and excellent when used with Yellow Master. Pkt., 25c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.50; 1 oz., \$10.00.

Giant White. The largest and finest pure white pansy. Pkt., 25c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.50; 1 oz., \$10.00.



Tait's Giant Exhibition Pansies

PANSIES IN MIXED COLORS

Super Swiss Giants. A selected strain from Switzerland. The plants are of unusually robust habit. Flowers of large and heavy texture, with a wonderful range of color. Mixed. Pkt., 25c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.50; 1 oz., \$10.00.

Maple Leaf Giants. A distinct variety with attractive foliage, and a wide range of bright colors. Many of the flowers will average 4 inches across. Mixed. Pkt., 25c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.50; 1 oz., \$10.00.

Tait's Giant Exhibition. For size of flowers, brilliancy of coloring and markings, nothing approaches this strain. The seed is from exhibition flowers only. Pkt., 25c; 1/16 oz., \$1.10; 1/8 oz., \$2.00; 1/4 oz., \$3.50; 1/2 oz., \$6.50; 1 oz., \$12.00.

Engelmann's Giant. Huge flowers in light and dark shades from original's seed. Pkt., 25c; 1/16 oz., \$1.10; 1/8 oz., \$2.00; 1/4 oz., \$3.50; 1/2 oz., \$6.50; 1 oz., \$12.00.

Large Flowering. A good mixture of fine color and size. Pkt., 10c; 1/16 oz., 50c; 1/8 oz., 90c; 1/4 oz., \$1.50; 1/2 oz., \$2.75; 1 oz., \$5.00.

PITZONKA'S PRIZE PANSY PLANTS

(FOR DELIVERY IN OCTOBER AND NOVEMBER)

Named Varieties

Everyone likes Pansies in separate colors, not only for the mass color effect of a bed of Pansies of one color, but they are so useful in decorative work.

BLUE BOY. Clear and pure silvery lilac. A bed of this variety gives an effect of striking beauty.

GIANT WHITE. Pure white. Very large.

GOLDEN YELLOW. Rich yellow with large brown eye.

LAKE OF THUN. Beautiful ultramarine-blue.

ROYAL. A pure deep purple that has many admirers.

GIANT YELLOW. Pure golden yellow. Very popular.

Regular Size Plants, \$3.00 per 100; \$25.00 per 1000

Large Plants, \$4.00 per 100; \$35.00 per 1000

We do not supply less than 50 plants of any one color. 50 plants at the 100 rate; 250 at the 1000 rate.

Pitzonka's Giant-Flowering Pansy Plants, Mixed Colors

Regular Size Plants, \$2.00 per 100; \$14.00 per 1000

Large Plants, \$3.00 per 100; \$20.00 per 1000

Not less than 50 of a size at the 100 rate; 250 at the 1000 rate. Be sure to state size and quantity wanted.

TAIT'S GORGEOUS PETUNIAS

Annual—Culture "A", Blooms May to Frost

One of our best annual plants for beds, borders, window boxes, or hanging baskets. Once started, Petunias are of easy culture, growing almost like weeds, and furnish a glorious succession of bloom from early summer into the late fall. The seed, however,

is as fine as dust, and while it may be sown in the open, it is advisable to sow it in boxes, setting out the plants when large enough. Every garden should have a liberal supply of this satisfactory flower. The average height is about 12 inches.

SINGLE PETUNIAS

HYBRIDA

The plants grow about 18 inches high, bearing 2-inch single flowers from early spring until frost.

Radiance. Brilliant rich rose with yellow throat. Pkt., 15c; 1/8 oz., 75c; 1/4 oz., \$1.25; 1/2 oz., \$2.25; oz., \$4.00.

Howard's Star. Rosy crimson, with five point star. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.75.

White King. Pure white. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.75.

Viola cea. Deep violet. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.75.

Gen. Dodds. Rich Crimson. Pkt. 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.75.

Mixed Colors. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c; 1/2 oz., \$1.25; oz., \$2.25.



Giant Ruffled Petunia

NANA COMPACTA

This variety grows about 10 inches high, with dainty blossoms about 1 1/2 inches in diameter.

Lipstick. A vigorous new petunia of glowing carmine rose, overlaid with touch of salmon. Pkt., 25c.

Glow. Dazzling carmine red. Height 10 ins. Pkt., 15c; 1/16 oz., 75c; 1/8 oz., \$1.25.

Fire Chief. The reddest petunia. Free blooming. (See outside catalog cover.) Pkt., 15c; 1/32 oz., \$1.25; 1/16 oz., \$2.25.

Celestial Rose. Deep rose. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.75.

Rose of Heaven. Brilliant rose. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.75.

Rosy Morn. Rose-pink with white throat. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.75.

Heavenly Blue. Light silvery blue. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.75.

Viola cea. Rich violet. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.75.

White Perfection. Best dwarf white. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.75.

Mixed colors. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c; 1/2 oz., \$1.25; oz., \$2.25.

BALCONY OR LARGE FLOWERED BEDDING PETUNIAS

The balcony type are specially recommended for window boxes

Showy plants with long branches covered with blooms, 1 1/2 to 2 1/2 in. and more across. Equally as desirable for trailing from hanging baskets, porch and balcony boxes as for bedding. Seeds may be started indoors about six weeks before your usual outdoor planting time or they may be sown directly outdoors when soil has become warm.

Red Wonder. An improved Petunia of the Balcony type, of the deepest velvety red. In our judgment, it is quite superior to Flaming Velvet. Height 15 inches. Pkt. 15c; 1/16 oz., 65c; 1/8 oz., \$1.00; 1/4 oz., \$1.85; 1/2 oz., \$3.50.

Blue. Beautiful, rich shade of violet-blue. Effective if planted alone or in combination with other colors. Pkt., 15c; 1/16 oz., 50c; 1/8 oz., 85c; 1/4 oz., \$1.50; 1/2 oz., \$2.75.

Crimson. Glowing shade of very dark crimson; a brilliant and intense color. Pkt., 15c; 1/16 oz., 50c; 1/8 oz., 85c; 1/4 oz., \$1.50; 1/2 oz., \$2.75.

Rose. Fiery rose—a favorite color that is radiant, soft and most pleasing, whether for garden display or cutting. Pkt., 15c; 1/16 oz., 50c; 1/8 oz., 85c; 1/4 oz., \$1.50; 1/2 oz., \$2.75.

White. Flowers are pure glistening white, 2 1/2 in. and more across. Pkt., 15c; 1/16 oz., 50c; 1/8 oz., 85c; 1/4 oz., \$1.50; 1/2 oz., \$2.75.

Mixed Colors. A splendid blend. Excellent for massing in beds and wide borders. Pkt., 15c; 1/16 oz., 40c; 1/8 oz., 75c; 1/4 oz., \$1.25; 1/2 oz., \$2.25.

GIANT RUFFLED PETUNIAS

Giant Ruffled Petunias are held in high esteem for bedding, borders, cutting, and most valuable for porch and window boxes as well as for pot culture. The flowers, with their large, wide-open throats, are deeply ruffled, artistically veined and, when well grown, often measure 5 inches across. Sure to be admired.....Pkt., 25c

GIANT FRINGED PETUNIAS

Single flowers of large size, beautifully fringed and a remarkable variety of colors.....Pkt., 25c

DOUBLE FRINGED PETUNIAS

Large fragrant double fringed flowers in many shades of color. Pkt., 50c

PEONY ROOTS (See page 64).

PERIWINKLE (See Vinca).

Be sure to plant some of the Lipstick and Fire Chief Petunias.

The words "Thoroughbred Seeds" and "Thorobred Seeds" being a registered trade-mark (U. S. Patent Office, No. 51052), and the words "Thoroughbred" and "Thorobred" being also a registered trade-mark (U. S. Patent Office, No. 92011), all persons are warned against their use in connection with the advertising or sale of seeds. We solicit the help of our friends in the detection and punishment of infringements of our copyright.

PHLOX

**Annual—Culture "A", Blooms
May to September**

For beds and massing nothing can surpass this hardy annual. It is of easy culture and thrives in sunny positions. Sow either in the fall or early spring. Height 15 inches.

Drummondii Grandiflora. Crimson, flesh, lilac, primrose, rose, white dark eye, violet, white eye, and mixed colors. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c; 1/2 oz., \$1.25; oz., \$2.00.

Phlox Drummondii Gigantea. A new strain of Phlox Drummondii with flowers over an inch in diameter in beautiful soft art shades. Mixed. Height 12 inches. Pkt., 15c; 1/8 oz., 60c; 1/4 oz., \$1.00; 1/2 oz., \$1.85 oz., \$3.50.

Phlox Drummondii Gigantea. Salmon Glory. Salmon pink with creamy eye. Pkt., 15c; 1/8 oz., 60c; 1/4 oz., \$1.00; 1/2 oz., \$1.85; oz., \$3.50.

PERENNIAL PHLOX

**Culture "E", Blooms
May to September**

Decussata. A hardy herbaceous perennial, bearing large heads of beautiful flowers of many colors. Height 2 1/2 feet. Mixed colors. Pkt., 15c; 1/8 oz., 50c; 1/4 oz., 80c; 1/2 oz., \$1.40; oz., \$2.50.

RUDBECKIA

**Annual—Culture "A", Blooms
June to November**

Strong, quick growing annual, bearing immense quantities of yellow cone-shaped flowers

My Joy. This variety is often called Brown-Eyed Susan. Yellow with brown center. Height 2 feet. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 80c; 1/2 oz., \$1.40; oz., \$2.50.



Double Portulaca



Single Shirley Poppy

POPPY

**Annual—Culture "A",
Blooms May and June**

Sown in the fall or early spring, Poppies may be brought into bloom before Tulips have the same grace of stem, airiness of poise, delicacy of tissue and range of color as this hardy annual. A sandy loam suits them best; they do not stand transplanting. Sow thinly on top of finely prepared soil. Height 2 1/2 feet.

Single Shirley. The favorite single Poppy. The flowers appear like crumpled satin in the sunlight, and the colors range from white to scarlet. Splendid for beds or borders. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 75c.

Double Shirley. A very pretty strain with double flowers in the same wonderful range of colors as the Single Shirley. Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c; oz., 90c.

Perennial Poppies

Imperial Jewels Mixture. This is a hardy perennial, and may be sown either in the fall or early spring. It will flower the first year from spring sown seed. Height 1 ft. Pkt., 10c; 1/4 oz., 75c; 1/2 oz., \$1.25; oz., \$2.25.

Gartford Giants. Large flowers, beautifully fluted in lovely pastel shades. Mixed Colors. Pkt., 10c; 1/8 oz., 60c; 1/4 oz., \$1.00; 1/2 oz., \$1.75; oz., \$3.25.

CALIFORNIA POPPY

(See Eschscholtzia, page 52)

PORTULACA

**Annual—Culture "A", Blooms
May to Frost**

A brilliant annual with moss-like foliage of easy culture. Excellent for massing in beds or rock garden. Thrives best in light sandy soil and in dry sunny situations. Flowers about an inch in diameter, and of the brightest colors. Height 6 inches.

Single, Mixed Colors. Glossy cup-shaped single flowers of many colors. Pkt., 10c; 1/4 oz., 50c; 1/2 oz., 90c; oz., \$1.75.

Double, Mixed Colors. The flower has the appearance of a miniature rose. Pkt., 10c; 1/8 oz., 75c; 1/4 oz., \$1.25; 1/2 oz., \$2.25; oz., \$4.00.

SALVIA (See Scarlet Sage).

SCARLET SAGE

**Annual—Culture "A", Blooms
June to Frost**

This annual maintains its popularity because of its picturesque effect in beds or borders. Flowers are composed of spikes of tubular florets of bright scarlet. Blue Salvias are perennials, while less showy than the scarlet are most attractive, will bloom the first season if started early indoors.

Bonfire. The finest Salvia for bedding. Very compact, oval bushes, with long spikes of brilliant scarlet flowers. Gorgeous effects can be produced with massed Bonfire Salvia. Height 2 1/2 feet. Pkt., 15c; 1/8 oz., 75c; 1/4 oz., \$1.25; 1/2 oz., \$2.25; oz., \$4.25.

America. Probably the earliest of the Salvias, producing long, flaming scarlet flower-spikes. Height 15 inches. Pkt., 15c; 1/8 oz., 75c; 1/4 oz., \$1.25; 1/2 oz., \$2.25; oz., \$4.25.

**Perennial—Culture "E", Blooms
June to Frost**

The perennial Salvias with their spikes of blue are most attractive, and will bloom the first season if started early indoors.

Patens—Blue Sage. This tender perennial is not useful for bedding, but is a beautiful plant for the border or greenhouse. Height 2 feet. Pkt., 20c; 1/8 oz., 60c; 1/4 oz., \$1.00.

Farinacea—Blue Sage. A perennial variety, but best grown as an annual. Seeds sown in the open ground in May bloom from July to frost. Flowers light blue. Height 2 feet. Pkt., 20c; 1/8 oz., 85c; 1/4 oz., \$1.50.

PYRETHRUM

Perennial—Culture "E"

Roseum. Also known as "Painted Daisy." Single and double Daisy-shaped flowers with yellow centers. In a wide range of colors, and blooms from May to July. Fine for cutting. Height 15 inches. Pkt., 20c; 1/8 oz., 75c; 1/4 oz., \$1.35; 1/2 oz., \$2.50; oz., \$4.75.

Have A Garden Full of Flowers
This Year



Pyrethrum, Painted Daisy



Giant Rustproof Snapdragon

SCABIOSA

Annual—Culture "A", Blooms
June to October

The flowers of double annual Scabiosa or "Pincushion Flower" are very beautiful. Of most attractive form and lovely coloring. Height 2 feet.

Shasta. Pure white flowers of enormous size, often measuring 3 inches.

All varieties listed below:

Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 75c
Blue Cockade. Beautiful deep blue.
Black Prince. Very dark purple.
Salmon Beauty. Salmon pink.

Mixed Colors. Pkt., 10c; 1/2 oz., 35c; oz., 60c

Perennial—Culture "E", Blooms
June to November

Caucasica Isaac House Hybrids. A pretty and desirable perennial, sometimes called Blue Bonnet or "Pincushion Flower" on account of its shape. The very large blossoms are borne on long stems and are especially good for cut flowers. An excellent strain in shades from lavender to dark blue. Height 3 feet. **Pkt., 20c; 1/8 oz., 75c; 1/4 oz., \$1.25; 1/2 oz., \$2.25; oz., \$4.00.**

SCARLET RUNNER

Annual—Culture "A", Blooms
June to November

An ornamental annual of the bean family, producing dazzling scarlet flowers. The beans are edible when dried. Height 20 feet. **Pkt., 10c; 1/4 lb., 20c; 1/2 lb., 30c; 1 lb., 50c.**

SCHIZANTHUS

Annual—Culture "B", Blooms
May to June

Dainty, erect annual with finely cut leaves and showy butterfly-like flowers. Valuable for pot culture and bedding. Height 1 1/2 feet. **Pkt., 10c; 1/4 oz., 75c; 1/2 oz., \$1.25; oz., \$2.25.**

SIBERIAN WALLFLOWER
(See Cheiranthus).

SNAPDRAGON

GIANT RUST-PROOF
Perennial—Culture "E",
Blooms May to November

This wonderful group of giant Rust-Proof Antirrhinums surpasses anything yet introduced. The flowers are of magnificent size and closely placed on the spike. One of our finest perennials, and if the seeds are sown early, will bloom the first year. Height 2 feet.

All named varieties listed below:

Pkt., 10c; 1/8 oz., 60c; 1/4 oz., \$1.00; 1/2 oz., \$1.85; oz., \$3.50.

Snowflake. Lovely white.

Canary Bird. Canary-yellow.

Crimson Monarch. Fiery crimson.

Rosalie. Lovely rose.

Golden Rod. Golden yellow.

Copper King. Coppery scarlet.

Loveliness. Soft pink.

Mixed colors: Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.75.

GIANT RUFFLED TETRA SNAPDRAGON

For professional cut flower and plant growers, this is the most satisfactory outdoor Snapdragon. It is vigorous, has thick stems that keep the spikes erect, and huge, florets, mostly ruffled. This variety is known as Tetraploid (Tetra for short), as it has twice the number of chromosomes in the cells as the regular Snapdragons.

Tetra Superfine Mixture. A mixture of various shades and colors. Most unusual. **Pkt., 10c; 1/8 oz., 85c; 1/4 oz., \$1.50; 1/2 oz., \$2.75; oz., \$5.00.**

MINIATURE SNAPDRAGON

(See Linaria).



Giant Imperial Stock



Giant Scabiosa

SMILAX

Perennial—Culture "E"

A tender perennial, and most graceful climber for greenhouse or conservatory. Height 6 feet. **Pkt., 10c; 1/8 oz., 85c; 1/4 oz., \$1.50.**

SPEEDWELL (See Veronica).

GIANT IMPERIAL STOCK

Annual—Culture "A", Blooms
May to July

There are few sights more beautiful than a fine bed of these plants in full bloom. The duration and delicate fragrance of the flowers commend it very strongly for pot culture in the house. If desired for early use, sow the seed indoors and transplant when the ground becomes warm, forcing with weak liquid manure.

Giant Imperial. Is an improved strain of Double Early Bismarck. This exceedingly beautiful variety produces immense spikes of flowers in great profusion.

Blue Red	Pink Rose	White Yellow
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Pkt., 15c; 1/8 oz., 45c; 1/4 oz., 85c; 1/2 oz., \$1.65; oz., \$3.00

Mixed Colors

Pkt., 15c; 1/8 oz., 40c; 1/4 oz., 75c; 1/2 oz., \$1.40; oz., \$2.50

Be Sure To
Try The New
Dwarf Tithonia
see page 59

TAIT'S CHOICE ZINNIAS

TAIT'S CALIFORNIA GIANT ZINNIAS

The flowers of this strain are a trifle larger than the Dahlia-Flowered, with more loosely placed petals and slightly longer stems. Height 2½ to 3½ feet.

Prices of all varieties listed below: Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

Cerise Queen. A pleasing shade of cerise-rose.

Purity. A clear pure white.

Enchantress. Light rose, with center of deeper rose.

Brightness. Beautiful clear pink.

Daffodil. Beautiful golden yellow—splendid.

Rose Queen. Bright rose, with deep center.

Miss Willmott. Soft pink shade of La-France-rose.

Crimson Queen. A pleasing shade of rich crimson.

Orange King. Deep orange.

Violet Queen. A pleasing shade of violet.

Mixed Colors. A well-blended mixture of all colors. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; oz., 85c.

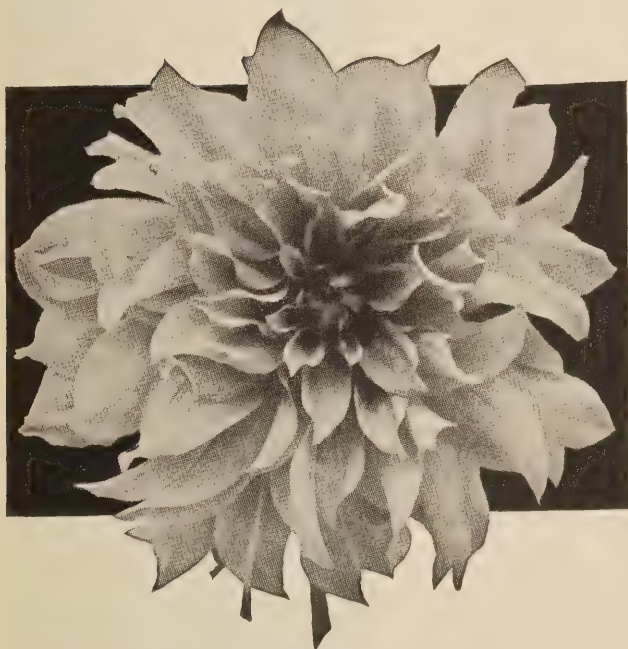
CALIFORNIA GIANT COLLECTION

1 pkt. of each of the above ten separate colors, \$1.00 Value 75c; any five, 50c Value, 40c.



California Giant Zinnia, Cerise Queen

TAIT'S GIANT DECORATIVE DAHLIAS



Decorative Dahlia Hillcrest Sunset

DELWOOD GLORIOUS. A huge flower of a pleasing shade of rose. Very popular. Height 5 ft.50c each, postpaid

HILLCREST MANDERIN. A striking large red Dahlia, suffused with bright yellow. Height 5 ft.30c each, postpaid

HILLCREST SUNSET. A beautiful large Dahlia of autumn shades. Most attractive. Height 5 ft.50c each, postpaid

JERSEY BEAUTY. An old favorite of medium size and still popular. Of a soft pure pink. Height 6 ft.35c each, postpaid

KEMP'S WHITE WONDER. A well shaped flower, and one of the largest White Dahlias. Height 5 ft.35c each, postpaid

MRS. GEORGE LE BOUTILLIER. Immense flowers of beautiful carmen red. Has been grown a foot in diameter. Height 5 ft.35c each, postpaid

MRS. I. DE VAN WARNER. A gigantic flower of a pleasing shade of orchid. Very popular. Height 5 ft.30c each, postpaid

NANAQUAKET. A huge flower of a pleasing shade of bright pink. Height 5 ft.30c each, postpaid

PURPLE MANITOU. An attractive large flower of an unusual shade of purple. Height 5 ft.30c each, postpaid

ROSE FALLON. Mammoth blooms of rich golden orange, tinted amber and salmon. Height 5 ft.30c each, postpaid

THE COMMANDO. A splendid large dahlia of a pleasing shade of lemon yellow. Height 5 ft.30c each, postpaid

ZION'S DELIGHT. A striking, large Dahlia of a beautiful shade of deep velvety red. Height 5 ft.30c each, postpaid

TAIT'S GIANT FLOWERING GLADIOLUS



Gladiolus, Spotlight

The most brilliant and showy of summer flowering bulbs. Their immense spikes of gorgeous blooms range in color from white through shades of red, purple and yellow, many with artistic markings. Will grow in any good garden soil, and require little care. The bulbs should be planted at intervals from April to June to secure a succession of blooms.

CHOICE No. 1 NAMED GLADIOLAS

Bit of Heaven. Flaming orange, with beautiful yellow throat. Unusual coloring. 11c each; \$1.25 per doz.; \$7.75 per 100.

Monsoer. Beautiful Ruby-red. Very attractive. 11c each; \$1.25 per doz.; \$7.75 per 100.

Corona. Creamy white, with pink edging. Very dainty and attractive. 11c each; \$1.25 per doz.; \$7.75 per 100.

Elizabeth, The Queen. A pleasing combination of Lavender, with ruffled petals. 11c each; \$1.25 per doz.; \$7.75 per 100.

King Lear. Huge flowers of a pleasing shade of purple, with ruffled petals. 11c each; \$1.25 per doz.; \$7.75 per 100.

Snow Princess. A beautiful white Gladiolus with perfect placement of petals. 11c each; \$1.25 per doz.; \$7.75 per 100.

Margaret Beaton. Huge, glistening white flowers with brilliant scarlet blotch at throat. 11c each; \$1.25 per doz.; \$7.75 per 100.

New Europe. Rich garnet red, with large flowers on tall strong stems. 11c each; \$1.25 per doz.; \$7.75 per 100.

Gold Dust. One of the best golden yellow varieties. 11c each; \$1.25 per doz.; \$7.75 per 100.

Picardy. The most popular and widely grown Gladiolus. Lovely salmon apricot pink. 11c each; \$1.25 per doz.; \$7.75 per 100.

Rose Van Lima. Soft rose pink, with violet spot at throat. A fine exhibition variety. 11c each; \$1.25 per doz.; \$7.75 per 100.

Spotlight. Attractive shade of yellow, with scarlet markings at throat. Very striking. 11c each; \$1.25 per doz.; \$7.75 per 100.

TAIT'S DeLUXE

Mixture of No. 1 Gladiolus

This mixture of Gladiolus is composed of over fifty different shades and colors, and when massed produce a most gorgeous effect

8c each
80c per dozen
\$6.00 per 100

CHOICE HERBACEOUS PEONIES

Peonies, the "Queen of Spring Flowers," are too well known to require description, and their present popularity is due to the great improvement in them in recent years. They are most desirable for the lawn, flower-border or shrubbery decoration. The handsome appearance of the plant and finely formed richly colored flowers, make it a most desirable flower. Letters after names indicate: E—Early, M—Midseason, L—Late.

- Edulis Superba - E.** Large, globular flowers of rose-pink. One of the best pink Peonies. 75c each; \$7.50 per doz., postpaid.
- Felix Crousse - M.** Dark crimson. Very showy. 75c each; \$7.50 per doz., postpaid.
- Festiva Maxima - E.** Snow-white flowers with occasional markings of red in the center. 75c each; \$7.50 per doz., postpaid.
- Mons-Jules Elie - M.** Glistening satiny pink. 75c each; \$7.50 per doz., postpaid.
- Unnamed Varieties.** Pink, red or white. 60c each; \$6.00 per doz., postpaid.

TUBEROSES

One of the most delightfully fragrant and beautiful of summer-flowering bulbs, and is so well known that it needs no description.

Culture: Tuberoses may be planted any time from the middle of April to the middle of June in any rich, well-drained soil, and where they can have abundance of sunshine. The bulbs should be set so that the tops will not be more than 2 inches under the surface of the ground, and as the flower stalks shoot up, some light support should be provided to prevent damage by storms.

Double Pearl. The flower spikes of this variety attain a height of 2 feet or more and are compactly filled for a third of their length with perfectly double flowers that have the waxlike substance of a Camellia, of glistening white. \$1.35 per doz.; \$8.00 per 100, postpaid.



Tuberose, Double Pearl

CALADIUM ESCULENTUM (Elephant Ears)

Few foliage plants are so useful as the Caladium, and none require less attention after planting. Their magnificent leaves furnish the best possible background for grouping.

Culture: For the best results, the bulbs should be planted in well-drained rich soil from the middle of April to the middle of May. In dry weather the plants should be well watered, the top of the bulb being set about 5 inches under the surface.

Extra Large Bulbs. 60c each; \$6.00 per doz., postpaid.

Large Bulbs. 35c each; \$3.50 per doz., postpaid.

Small Bulbs. 25c each; \$2.50 per doz., postpaid.

General Directions for Sowing Flower Seeds in the Latitude of Norfolk

These different paragraphs are referred to directly under the headings of the different varieties, such as "Culture A, B, C," etc.

Perennials and Annuals which can be planted in the latitude of Norfolk in greenhouse or hotbed January and February, and out-of-doors September and October

Flowers Marked Thus • do Better when Planted in Greenhouse

Achillea
Aconitum
Adonis
Agrostemma
Alyssum
Anemone
Aquilegia
Arabis
Aristolochia
Armeria
Anchusa
Aster, Perennial
Baby's Breath
Bellis
Blue Sage
Campanula
Canna
Canterbury Bells
Carnation
Centaurea Candidissima
Chinese Lantern
Chrysanthemum
• Coleus
Columbine
Coral Bells
Coreopsis
• Cowslip
Daisy, English
Dahlia
Delphinium
Feverfew
Flax
Forget-Me-Not
Foxglove
Gaillardia
Garden Pinks
• Geranium
• Gerbera
Geum
Gypsophila
Hardy Sweet Peas

ANNUALS

Blooms first summer from seed.

Culture A

Flowers under this classification can be sown outdoors in the spring as soon as the weather and soil become warm. This is from the middle of April to the middle of May. Although any of these varieties may be started earlier indoors and later transplanted, if it is more convenient for you, it is not necessary if the seed is sown in good soil and a suitable location.

Culture B

A few flowers are much more satisfactory if the seed is sown real early. They need to get off to a good start before the hot weather. Such sowing can usually be done here about April 1st. If the seed is not sown until later, they will grow and bloom, but not as well. **Flowers coming under this class can usually be sown in the early fall in well drained and well protected situations.**

Culture C

It is really necessary to sow only a very few kinds of annuals indoors in order to get good results. There are a few others that are usually more satisfactory to sow indoors if bloom is wanted all summer. If you are not interested in having them bloom until early fall they could well be sown outdoors as in Culture A.

Culture D

Most annual vines can be sown outdoors in the early spring although some varieties do better if started earlier indoors.

HARDY PERENNIALS

Blooms second summer from seed and comes up each year thereafter.

Culture E

All varieties of hardy perennials, except a few with very small seed, can be sown outdoors where the plants are to remain or sown separately in a seed bed and transplanted later. The sowing can be done any time from April until September 1st. We recommend spring sowing as the plants obviously will be larger and in better shape to go through the first winter. They will also flower more abundantly and earlier the next summer.

Culture F

When sowing varieties with very small seed, the new kinds, and those where you have only a very small amount of seed, it is usually more satisfactory to sow the seed in well prepared boxes or pots where it can be carefully watched and later transplant them.

HARDY BIENNIALS

Blooms second summer from sowing.

Culture G

With the exception of Culture G, the treatment is the same as for Hardy Perennials.

Bellis, Forget-me-nots, Pansies and some other kinds seem to be the most satisfactory when the seed is sown in late July or early August for flowers the following spring. Pansies can be grown as annuals by sowing the seed in a partial shady situation in the spring for late summer blooming.

Perennials and Annuals which can be planted in the latitude of Norfolk in greenhouse or hotbed January and February, and out-of-doors September and October

Flowers Marked Thus • do Better when Planted in Greenhouse

Heuchera
• Heliothrope
Iberis
• Impatiens
Japanese Bellflower
Linaria
• Lantana
Lathyrus
Linum
Lobelia
Lupines
Lychnis
Matricaria
Michaelmas Daisy
Molten Fire
Mullein Pinks
Painted Daisy
Pansy
Pentstemon
Platycodon
Phlox Decussata
Poppy, Nudicaule
Poppy, Oriental
Pyrethrum
Rudbeckia
• Salvia Farinacea
• Salvia Patens
Scabiosa Caucasica
Shasta Daisy
Snapdragon
Stock
Torenia
Thrift
Verbena
Veronica
Vinca
Viola
Wallflower

Annuals Which Can Be Planted in the Latitude of Norfolk in Greenhouse or Hotbed in January and February, or Out-of-Doors April and May

Those marked thus * do better if planted in greenhouse, or out-of-doors in May. Those marked † can be planted out-of-doors in September.

Abronia	Blue Eye Daisy	Chinese Forget-me-not	Dolichos Lablab	Lady Slipper	†Pansy	*Sensitive Plant
Algeratum	Blue Lace Flower	Chinese Woolflower	†Eschscholtzia	†Larkspur	Petunia	Snapdragon
*Alonsoa	*Brachycome	Chrysanthemum	Euphorbia	Linum	Phlox	Spider Flower
†Alyssum	*Browallia	Cleome	Flax	*Lobelia	Poppy	Statice
Amaranthus	Butterfly Flower	Cockscomb	Floss Flower	Love-in-a-Mist	Poppy Mallow	Stocks
Anagallis	Calendula	Cornflower	Four O'Clock	Lupins	Portulaca	Sunflower
*Anchusa	†California Poppy	Convolvulus	†Gaillardia	Marigold	Rhodanthe	Sun Plant
Antirrhinum	Campanula	†Coreopsis	Godefia	Maurandia	Ricinus	Sweet Wivelsfield
Arctotis Grandis	†Candytuft	Cosmos	Gourds	Mexican	Rudbeckia	Tagetes
Aster	Canterbury Bells	Cynoglossum	Gypsophila	Sunflower	Salpiglossis	Tithonia
Baby Blue Eyes	Cardinal Climber	Cypress Vine	Helianthus	Mignonette	*Salvia	Thunbergia
Baby's Breath	Carnation	Dahlia	Helichrysum	Moonvine	Sand Verbena	*Venidium
Balloon Vine	Castor Oil Plant	†Dianthus—Pinks	Humulus	Morning Glory	Sanvitalia	Vinca
Balsam	Celosia	Dish Cloth Gourd	Hunnemannia	Nasturtium	Scabiosa	*Verbena
Balsam Pear	†Centaurea Cyanus	Dimorphotheca	*Ice Plant	Nemophila	Scarlet Runner	Viscaria
Bidens Humilis	†Centaurea Imperialis	Didiscus	Jap Hop	Nigella	*Scarlet Sage	†Wallflower
†Blanket Flower			Kochia	*Nicotiana	Schizanthus	Zinnia

CHOICE BERRY PLANTS

Strawberry Plants

- ✓ **Ambrosia.** A late variety of good quality, and one of the largest. 25, \$1.25; 50, \$2.00; 100, \$3.10; 250, \$6.20; 1,000, \$15.45, postpaid.
- ✓ **Blakemore.** The ideal early berry for home or shipping. 25, \$1.10; 50, \$1.75; 100, \$2.70; 250, \$5.40; 1,000, \$13.45, postpaid.
- ✓ **Dorsett.** One of the best early varieties for the home or market garden. 25, \$1.35; 50, \$2.15; 100, \$3.30; 250, \$6.60; 1,000, \$16.50, postpaid.
- ✓ **Gem Everbearing.** A popular ever bearing berry of splendid quality, and should be planted as a companion to Mastodon. 25, \$2.10; 50, \$3.50; 100, \$5.50; 250, \$11.00; 1,000, \$27.50, postpaid.
- ✓ **Mastodon Everbearing.** The largest everbearing strawberry. Will produce bumper crops if planted in rich soil. Fruiting season extends from spring to late autumn. 25, \$2.15; 50, \$3.60; 100, \$5.75; 250, \$11.45; 1,000, \$28.60, postpaid.

**Mastodon
Everbearing
Strawberries**



Blackberry Plants

- ✓ **Ebony King.** A grand new upright variety, very hardy, and of deliciously sweet flavor. Self pollenizing. 1 year #1 plants, 10 for \$3.85; 25 for \$7.50; 100 for \$22.50, prepaid.

Boysenberry Plants

The biggest berry ever developed. A cross between Loganberry, Raspberry and Blackberry. No. 1 strong rooted plants bear big crops the second year. 3 for \$1.40; 5 for \$2.10; 10 for \$2.95; 25 for \$5.00; 100 for \$15.45, postpaid.

Dewberry Plants

- ✓ **Lucretia.** Extremely productive. Large black berries of delicious sweet flavor. No. 1 plants, 5 for \$1.25; 10 for \$2.00; 25 for \$3.70; 50 for \$6.45; 100 for \$10.90, postpaid.

Raspberry Plants

- ✓ **Cumberland.** The best black raspberry. Large, jet black fruit. Sweet, and of excellent quality. Supersize, 5 for \$1.60; 10 for \$2.30; 25 for \$4.45; 100 for \$13.50, postpaid.
- ✓ **Indian Summer.** The giant red everbearing raspberry. Of unusual beauty, size, and keeping quality. Supersize, 5 for \$1.95; 10 for \$2.95; 25 for \$5.40; 100 for \$15.75, postpaid.
- ✓ **Sunrise.** The earliest red raspberry. Resistant to disease, and excellent for the home garden. Supersize, 5 for \$1.95; 10 for \$2.95; 25 for \$5.40; 100 for \$15.75, postpaid.

Germaco
Hotkaps
F. O. B. Norfolk



**Mean
Earlier Crops
Bigger Profits
Try Some This
Spring**

FROST can't hurt



HOTKAPS eliminate weather and insect damage. These patented wax paper cones form miniature hot-houses over each plant, promote sturdy growth and bring crops to maturity 2 to 3 weeks earlier. Thousands of farmers are getting premium prices, making big money every year by using HOTKAPS. Inexpensive to buy. Easy to set out. One man can place 2000 or more per day.

RAIN can't harm



INSECTS can't touch



1,000 to carton.....	\$18.35 per M
5,000	18.20 per M
10,000	18.05 per M
25,000	17.90 per M
Steel Setter	\$1.95
Fiber Board Setter.....	.20

NOT PREPAID

Home Garden Package

The Home Garden Package has been prepared for those who desire earlier flowers and vegetables, and contains 25 full-sized HOTKAPS, nested in a cardboard setter. Be sure to get a package and try them out this year. Per pkg., \$1.20, postpaid. Not prepaid, 95c.

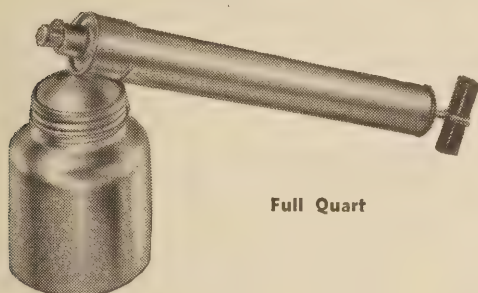
Trial Package, 100 Hotkaps, Setter & Tamper, \$3.50, postpaid. Not prepaid, \$3.15
Trial Package, 250 Hotkaps, Setter & Tamper, \$6.40, postpaid. Not prepaid, \$5.90

SPRAYERS AND DUSTERS

Prices Subject to Change Without Notice

ECLIPSE

The Sprayer You Have Been Waiting For



Full Quart

A stainless steel, chromium plated, non-rusting full quart capacity, continuous sprayer, with stainless steel pump, twin nozzle, and chemically treated gasket, built for long service.

No. 447 Eclipse.....Postpaid, \$4.85; Not postpaid, \$4.50

HUDSON CADET DUSTER



The Hudson Cadet is adapted for use with all insect powders. It is a favorite in applying roach, ant, and various bug powders in restaurants, offices, and stores. Very practical for the home, poultry house, and small garden.

No. 673 Cadet.....Postpaid, \$1.15; Not postpaid, 70c

ADMIRAL DUSTER



This duster will efficiently apply any powder insecticide. Economical application adapts it for higher priced powder insecticides, such as Rotenone Pyrethrum, etc. 24-inch extension tube with nozzle adjustable for straight or angle discharge.

No. 766 Admiral.....Postpaid, \$2.60; Not postpaid, \$2.25

CYCLO JR.

Crank Type Duster

An exclusive Niagara Product



The new Niagara Cyclo Junior is a hand duster which makes dusting for small growers easier, more pleasant, and more efficient.

Modern in design—powerful in performance and easy to operate.

The Cyclo Junior gives a free flow of

dust, with uniform coverage. Comfortable to carry, with quiet "squirrel cage" operation. The Niagara Cyclo Junior Hand Duster is a model of efficiency and economy for better pest control. Weight 9 lbs.

No. 5211A.....Not prepaid, \$30.75; postpaid, \$31.40

HUDSON SUNSHINE "Porta-Sprayer"



Well adapted for spraying orchards, vineyards, gardens, livestock houses, barns or pens. Furnished with a fifteen gallon galvanized tank with 16 inch steel wheels and 6 ft. of 3/8 inch rubber hose.

No. 3705 Sunshine "Porta-Sprayer", with pressure tank, Pneumatic tire (as illustrated above).....\$62.40 f.o.b. Norfolk

No. 3603 Sunshine "Porta-Sprayer", steel wheel, without pressure tank.....\$30.00 f.o.b. Norfolk

No. 3604 Sunshine "Porta-Sprayer", cushion tire, without pressure tank.....\$36.40 f.o.b. Norfolk

NIAGARA TWO-QUART DUSTER



A most practical all-round Duster for the home gardener. It is 50 inches long, enabling the operator to dust the undersides of the lowest growing plant without stooping. It has a flair nozzle

for general use, and a special nozzle for Mexican Bean Beetle control. Not prepaid, \$4.40; postpaid, \$4.80.

SPRAYERS AND DUSTERS—Continued

NEW HUDSON PERFECTION

"Presto-Seal" Sprayer 4 Gallon

The Presto-Seal is unique, and a great improvement in compressed air Sprayers. The pump does not have to be removed in filling and the plunger has patented Nu-Action, so the fewer and easier strokes develop 30% more pressure on a given number of strokes. No. 310, Galvanized Tank, Postpaid, \$15.50; Not postpaid, \$14.85.



HUDSON CLIMAX JUNIOR

2 3/4 Gallon Open-Top

A popular pattern for smaller jobs or for women or children to use. Wide opening permits easy filling, emptying, or cleaning thoroughly. 24 inches of high pressure spray hose, perfection automatic shut-off valve, 2-foot extension rod, angle spray nozzle. No. 341, Galvanized Tank, Postpaid, \$13.10; Not postpaid, \$12.60. No. 341S, Stainless Tank, Postpaid, \$24.80; Not postpaid, \$24.30.

Every Farm
and Garden
Needs a Good
Sprayer
and Duster



HUDSON BOOSTER

3 Gallon Funnel-Top

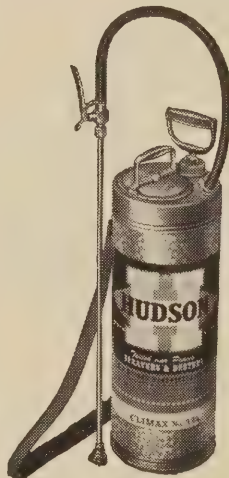
Hudson Booster offers the greatest possible value at a most favorable price. It may be used for all work for which compression sprayers are adapted, such as applying insecticides, pesticides, whitewash, and other sprayable solutions. 291, Galvanized Tank, Postpaid, \$9.10; Not postpaid, \$8.55.



HUDSON BOOSTER

PAMPCO, JR. BUCKET SPRAYER

A brass, bucket-type sprayer, with rubber hose. Simple in design and easy to operate. It has an adjustable nozzle, and can be used to spray a fine mist, or a stream up to 40 ft. high. Proven Best by Test, and users say to try it is to buy it. Not prepaid, \$6.95; prepaid, \$7.50.



HUDSON CLIMAX

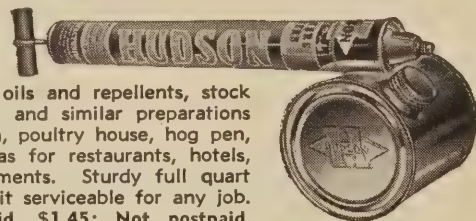
3 1/2 Gallon Open-Top

High pressure and ample capacity adapt it for all classes of spray work. Can be used with any agricultural insecticide, whitewash, etc. Embodies strength, safety, and ease of operation. Perfection automatic shut-off valve; 2-foot extension rod, and angle spray nozzle. No. 335, Galvanized Tank, Postpaid, \$13.15; Not postpaid, \$12.60. No. 335S, Stainless Tank and Pump, Postpaid, \$24.80; Not postpaid, \$24.30.

HUDSON COMET

1 Quart Continuous "Nu-Action" Pump

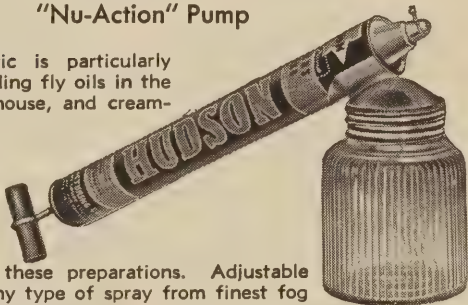
Adapted for fly oils and repellents, stock dips, insecticides, and similar preparations in the dairy barn, poultry house, hog pen, garden, as well as for restaurants, hotels, clubs, and apartments. Sturdy full quart container makes it serviceable for any job. No. 431 Postpaid, \$1.45; Not postpaid, \$1.25.



HUDSON CRITIC

1 Quart Continuous "Nu-Action" Pump

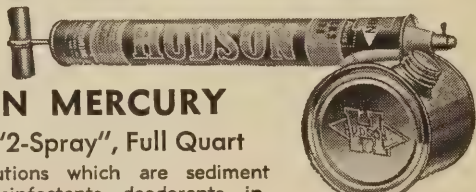
The Hudson Critic is particularly effective for handling fly oils in the dairy barn, milk house, and creamery. Fine for insecticides, disinfectants, deodorants. Produces forceful penetrating spray necessary for the proper application of these preparations. Adjustable nozzle develops any type of spray from finest fog to solid stream. Detachable glass jar is impervious to corrosion. No. 428 Galvanized. Postpaid, \$2.45; Not postpaid, \$2.10.



HUDSON MERCURY

Continuous "2-Spray", Full Quart

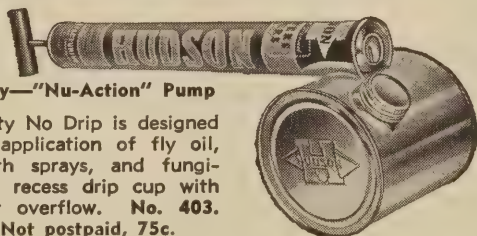
Handles all solutions which are sediment free, such as disinfectants, deodorants, insecticides, etc. Valuable in garden work, for the dairy farm and poultry house. No. 433. Postpaid, \$1.80; Not postpaid, \$1.65.



HUDSON "MISTY NO DRIP"

1 Quart Capacity—"Nu-Action" Pump

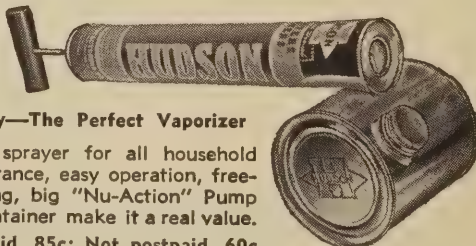
The Hudson Misty No Drip is designed for large scale application of fly oil, insecticides, moth sprays, and fungicides. Patented recess drip cup with vent to prevent overflow. No. 403. Postpaid, \$1.00; Not postpaid, 75c.



HUDSON FOG NO DRIP

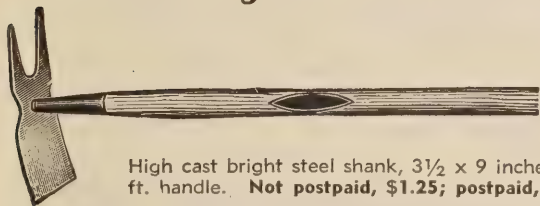
1 Pint Capacity—The Perfect Vaporizer

The recognized sprayer for all household use. Neat appearance, easy operation, freedom from leaking, big "Nu-Action" Pump and full pint container make it a real value. No. 303....Postpaid, 85c; Not postpaid, 60c.



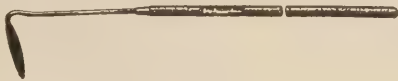
GARDEN AND LAWN TOOLS

Two Prong Hoe and Cultivator



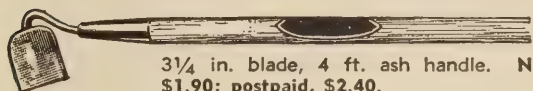
High cast bright steel shank, $3\frac{1}{2}$ x 9 inches, with $4\frac{1}{2}$ ft. handle. Not postpaid, \$1.25; postpaid, \$1.65.

Handy Hoe



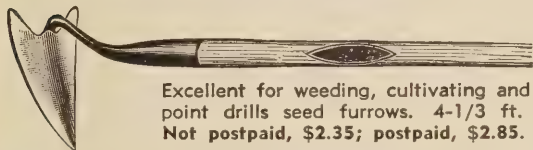
Length overall—4 feet. This narrow blade will cultivate weed spots usually neglected. \$1.25 not postpaid; postpaid \$1.35.

Nursery Hoe



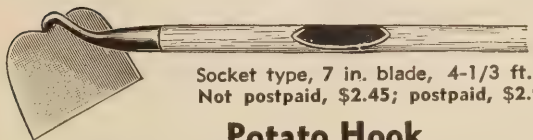
$3\frac{1}{4}$ in. blade, 4 ft. ash handle. Not postpaid, \$1.90; postpaid, \$2.40.

Warren Hoe



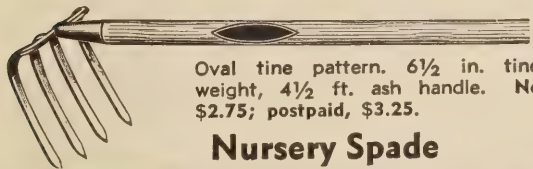
Excellent for weeding, cultivating and hilling. The point drills seed furrows. $4\frac{1}{3}$ ft. ash handle. Not postpaid, \$2.35; postpaid, \$2.85.

Garden Hoe



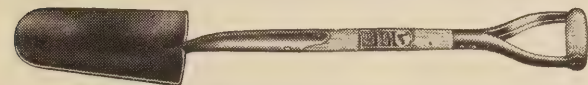
Socket type, 7 in. blade, $4\frac{1}{3}$ ft. ash handle. Not postpaid, \$2.45; postpaid, \$2.90.

Potato Hook



Oval tine pattern. $6\frac{1}{2}$ in. tines, medium weight, $4\frac{1}{2}$ ft. ash handle. Not postpaid, \$2.75; postpaid, \$3.25.

Nursery Spade



Solid shank, construction, taper forged blades and sockets, curved narrow blade, 27 inch ash handle, with steel D Top. Not postpaid, \$3.85; postpaid, \$4.35.

Spade Fork



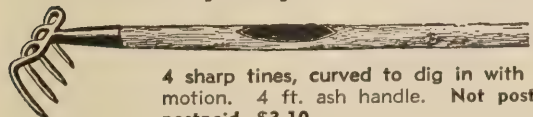
Heavy, angular back tines, 11 ins. long, with a 30 in. bent handle, steel D Top. Not postpaid, \$3.30; postpaid, \$3.80.

Asparagus Knives or Weeders



These knives are hammer forged, well hardened and tempered to stand rough usage. Used also as a weed cutter and dandelion digger. 60c not postpaid; postpaid 75c.

Speedy Cultivator



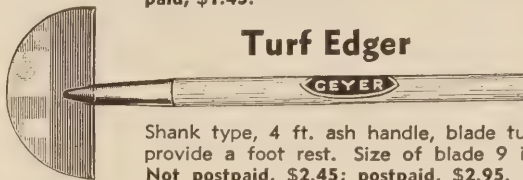
4 sharp tines, curved to dig in with easy pulling motion. 4 ft. ash handle. Not postpaid, \$2.60; postpaid, \$3.10.

Dandelion Weeder



V-Shaped cutting blade, 3 ft. handle. Not postpaid, 95c; postpaid, \$1.45.

Turf Edger



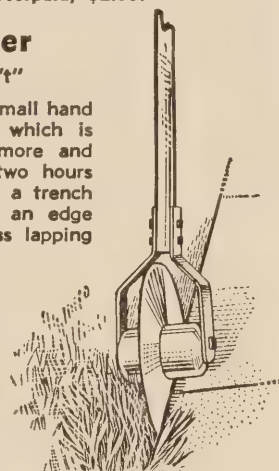
Shank type, 4 ft. ash handle, blade turned over to provide a foot rest. Size of blade 9 in. x $4\frac{1}{2}$ in. Not postpaid, \$2.45; postpaid, \$2.95.

Lawn Edge Trimmer

"Trims What the Mower Can't"

The only Trimmer that replaces the small hand shear and makes easiest the work which is hardest. It does in two minutes more and better work than can be done in two hours with the old hand shear. It is not a trench digger that is used only once but an edge trimmer that cuts and trips all grass lapping over edges of walks, curbs, etc., and is needed every time the lawn mower is used. Makes the neatest lawn in the quickest time and with the least effort.

Blades of highest quality tempered spring steel, 6" in diameter; handles and rollers of hardwood; galvanized blade cleaner. Length overall, 49 inches. Price \$2.25; Postpaid \$2.85.

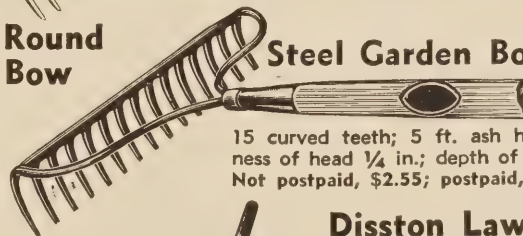


Steel Garden Rake



A serviceable well made garden rake, 14 tines. Will give many years of excellent service. Not postpaid, \$1.75; postpaid, \$2.25.

Round Bow



Steel Garden Bow Rake

15 curved teeth; 5 ft. ash handle, thickness of head $\frac{1}{4}$ in.; depth of head $3\frac{1}{4}$ in. Not postpaid, \$2.55; postpaid, \$3.00.

Disston Lawn Rake



Disston Lawn Rake. Made from flat spring steel and cleverly braced to give extra firmness to the flexible tines. We consider it the best lawn rake made. 24 teeth. \$3.50 not postpaid; postpaid, \$4.00.

Lawn Leaf Rake

Light and strong, with 22 flexible steel tines. Not postpaid, \$1.65; postpaid, \$2.15.



GARDEN AND LAWN TOOLS—Continued



Forged Steel

Transplanting Hoe Trowel

Blade and shank made of one piece of steel. The blade is finely polished. The rear part and shank enameled blue. Largely used by gardeners for setting out cabbage plants, etc. Length of blade, 7 inches. **\$1.40 not postpaid; postpaid \$1.80.**

Garden Trowel



Our best Trowel with one piece hammer forged blade and shank. Full polished. Hardwood handle. 6-inch blade. Length overall 13½ inches. **\$2.20 not postpaid; postpaid \$2.45**

Garden Trowel

Forged Steel



No. 211—The blade and shank are made of one piece of steel, being forged out in the same way as masons' brick trowels. The blade is finely polished. The rear part and shank are enameled blue. Polished hardwood handle. Heavy steel ferrule. **\$1.30 not postpaid; postpaid \$1.55.**

Magic Weeder

Made of heavy galvanized flexible wire with flattened ends.

No. B. Short handle. **35c, postpaid 45c.**

No. C. Medium handle. **35c, postpaid 45c.**

No. F. Long handle, 42 in. 4 tines. **\$1.05, postpaid \$1.50.**

No. G. Long handle, 48 in. 4 tines. **\$1.30, postpaid \$1.80.**



CYCLONE Seed Sower

CONTINUES TO LEAD THE FIELD AFTER 80 YEARS

Rapidly and Uniformly Distributes any amount
and many kinds of seed

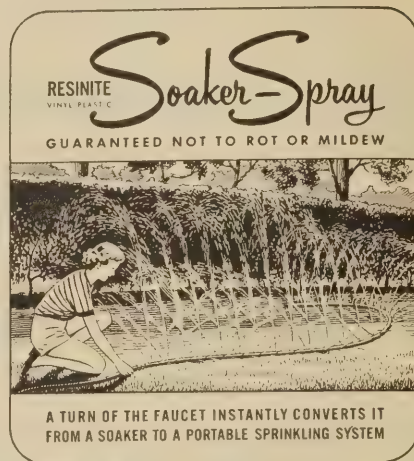


- White Duck Bag holds ½ Bushel.
- Regulator Gauge adjusts Seeding Rate.
- Sloping Feed Board keeps seed flowing steadily.
- A Distributing Wheel that scatters seed evenly.
- The well known Double Feed insures uniform flow of seed.

Spreads 8 to 25 feet, depending on Kind of Seed and Speed the Fan is turned, **\$4.40 postpaid. Not prepaid, \$4.10.**

RESINITE SOAKER-SPRAY

The new Resinite Soaker-Spray is a continuous length of vinyl-resin tubing, spirally perforated with tiny holes to allow proper seepage of water for scientifically soaking the soil. Comes in 20 foot and 35 foot lengths with standard coupling for attaching to garden hose. Not affected by mildew or sunlight. **20 ft., \$2.75; Postpaid, \$3.00. 35 ft., \$3.35; Postpaid, \$3.85.** Illustrated circular on request.



QUALITY GARDEN HOSE

Well constructed quality hose for general garden use. Each length fitted with standard metal couplings.

Black Garden Club Hose

25 ft. section, 5/8 in., **\$3.75**

50 ft. section, 5/8 in., **\$6.75**

Green Garden Club Hose

25 ft. section, 5/8 in., **\$5.10**

50 ft. section, 5/8 in., **\$9.50**

Koroseal Garden Hose

A deluxe garden hose that will give long, satisfactory service. Light in weight, smooth finish, easy to clean, pleasant to handle. Unaffected by sunlight, oil or grease. Will not easily kink. Couplings fit all standard water faucets.

25 ft. length, **\$5.75** 50 ft. length, **\$9.80**

75 ft. length, **\$13.85.** Prices f.o.b. Norfolk

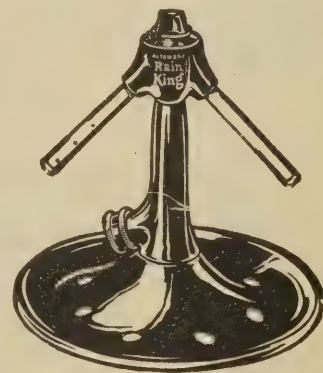
Hose Nozzle

This hose nozzle is one of the most trouble-free made. Made entirely of bar brass, it is fully adjustable. **65c not postpaid, postpaid 85c.**

Model "K" Rain King Lawn Sprinkler

This famous Sprinkler has proven its work to millions of users. Water stream and distance covered, adjustable.

\$7.75 not postpaid; postpaid \$8.15.

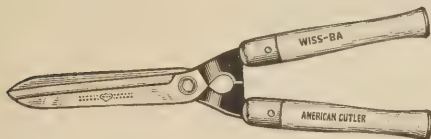


Model "H" Rain King

This gleaming chrome and green beauty stands out on any lawn for looks as well as performance. Body, base and arms are cast iron baked enameled in green. Each nozzle is a sprinkler in itself—fully adjustable for distance, direction, type of spray and volume. Lock wheel for stationary sprinkler. **\$7.65 not postpaid; postpaid \$8.05.**

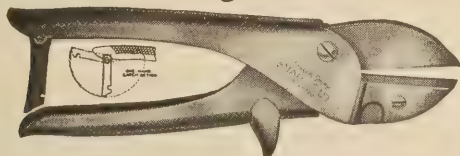
GARDEN AND LAWN TOOLS—Continued

"8-A" Pattern Hedge Shears



A Wiss design at a new low price for hedge shears of this quality. They have drop-forged hardened, tempered, tapered, conclave blades of finest cutlery steel. One knife edge blade for superior cutting, the other serrated to prevent slipping. New parallel handles, well balanced for easy cutting. Length of blade, 8 inches. **\$3.75, not postpaid. Postpaid, \$4.40.**

Pruning Shears



Snap Cut Pruners. The Keen "V" shaped blade cuts onto a soft metal anvil with an easy slicing action that cuts through large, tough branches with surprising ease and smoothness. All parts easily replaceable at small cost.

No. 119—8 inches long. **\$2.75 not postpaid; postpaid \$2.90.**

No. 118—6 inches long, ladies size **\$2.10 not postpaid; postpaid \$2.25.**

No. 808 "Draw Cut" Pruning Shears



An improved amazingly powerful, light-weight professional pruning shear of drop-forged cutlery steel. An off-center bolt gives the keen blade a draw-cut action which severs branches easily. Leaves a clean cut which heals rapidly. Cuts close at the points. Large branches do not slip. Has a comfortable no-pinch grip and a new convenient professional type leather latch. Blades polished. Handles gunmetal finish. Rust-resisting. **\$4.50 not postpaid; postpaid \$4.75.**

No. 908 High Powered Pruning Shears



Powerful Draw-Cut Action, Anvil-Type Knife Blade. The famous effortless cutting action that simplifies pruning. Popular with orchardists, tree surgeons, nurserymen, and gardeners. Cuts through the toughest branches easily and cleanly. Convenient positive action, thumb latch. **Price, \$2.50 not postpaid; postpaid \$2.75.**

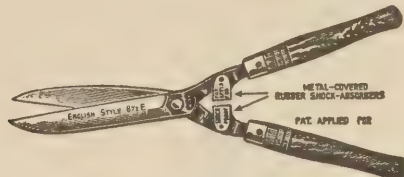


Wiss Rose Holding and Flower Shear

Price \$2.25 not postpaid; postpaid \$2.50

Cuts and holds stem in one operation. No other handling necessary. A thrilling new convenience for every gardening enthusiast. These rustless "holding" shears cut and hold stems with just one clean snap. Ideal, too, for trimming fruit at the table.

Shock Proof Hedge Shears



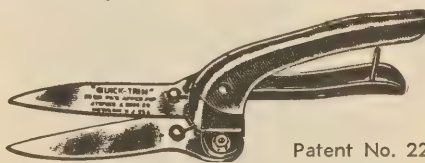
A new style of light professional pattern hedge shears fitted with an improved metal-covered rubber shock absorber. Reduces arm fatigue. Perfectly balanced. Blades are full forged, hollow ground, highly polished, hardened and tempered and have a notch and cutter for heavy duty. A large bolt threaded into one blade and secured with a lock nut permits quick, permanent adjustment and the desired tension on the blades. **Price, 8½" blade, \$4.75 not postpaid, postpaid \$5.15; 9½" blade, \$5.00 not postpaid, postpaid \$5.40.**

No. 5600 Forged Grass Shears



Drop-forged from cutlery steel, hardened and tempered, hollow-ground polished blades. Special tension bolt insures smooth, easy cutting indefinitely. Comfortably shaped handles eliminate bruised knuckles. Rounded edges prevent blisters. Will out-cut all others. Finished with red handles. **Price \$2.50; Postpaid, \$2.65.**

No. 801 "Quick Trim" Grass Shears

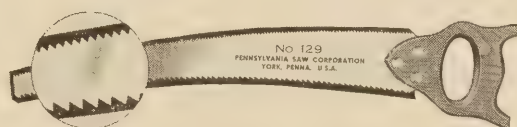


Patent No. 2208949

New Narrow Blade Style

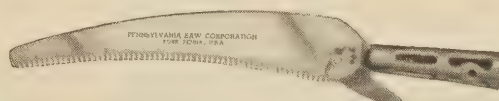
A lightweight, durable clipper style grass shear. Quality cutlery steel blades, hardened, tempered, and nickel plated for greater rust protection. Comfortable, non-pinching, stream-lined handles. Makes grass trimming a pleasure. Bolted construction facilitates resharpener. Gives long service. Attractive green handles. **Price \$1.65; Postpaid, \$1.80.**

Pruning Saw No. 151



A popular saw with reverse teeth. Length of blade, 14 inches. **Not postpaid, \$1.65; postpaid, \$2.05.**

Hook and Socket Saw No. 165



This saw has malleable hook and socket. The socket is hollow to permit pole. Length of blade, 16 ins. **Not prepaid, \$3.15; postpaid, \$3.50.**

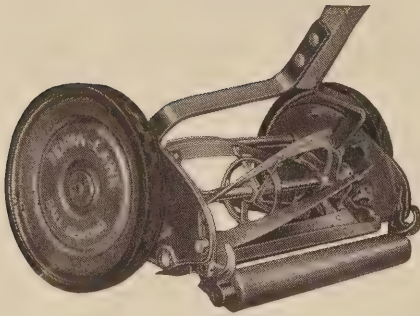
General Pruning Saw No. 129



Cuts on either pole or draw side. Length of blade, 18 inches. **Not postpaid, \$2.40; postpaid, \$2.80.**

MISCELLANEOUS

PENNA-LAWN

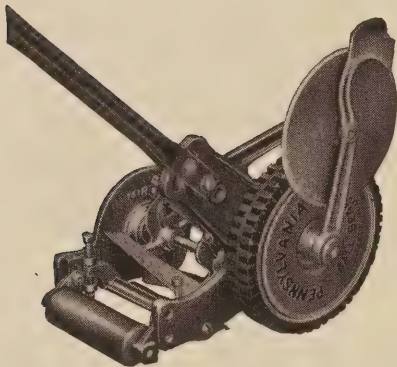


This new, medium-priced mower should become a really popular model. It is an all 'round mower with typical Pennsylvania grass-cutting quality—easy to operate and to service—quiet and long-lasting. Width of cut, 16". Net weight, 41 pounds.

\$22.50 F. O. B. Norfolk

TRIMMER AND EDGER

\$24.75 F. O. B. Norfolk



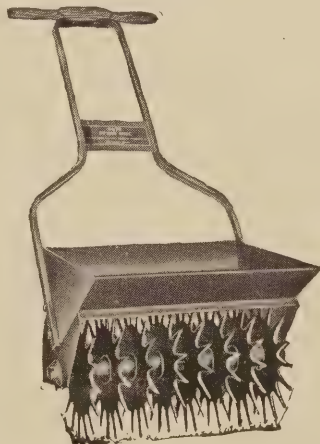
A popular time-and-work-saving tool—Pennsylvania quality throughout. The trimmer has a 6" width of cut. The edger, a steel disc with a small plow, is optional. Net weight, including handle—23 pounds.

SPIKE DISC

Cultivator and Aerator

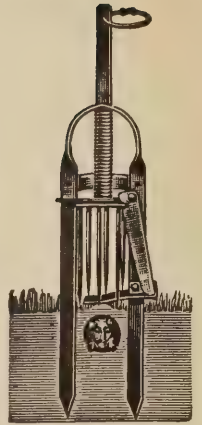
A useful tool designed for the home lawn, to be used before seeding or applying fertilizer.

- Tray is provided for weight to be added for deeper penetration or on hard baked soil
- Eight discs of High Carbon Alloy Steel, each 10 ins. diameter. Spiking width, 16 ins.
- Steel guard at back for protection against points.
Price, \$17.00 f.o.b. Norfolk. (Descriptive pamphlet on request)



MOLE TRAPS

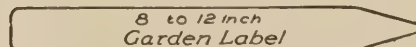
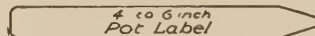
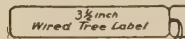
The mole causes great loss and annoyance to growers and market gardeners. One mole can cause the loss of an entire seed-bed in a few hours. One Mole Trap will catch and destroy them. We guarantee these Traps to work satisfactorily. \$1.75 not postpaid; \$2.00 postpaid.



Have every feature you want in a garden glove.

All-leather — Dirt Proof — Durable — Soft — Comfortable — Washable.

Easy on the hands and easy to wear! Can be used the year round for garden, housework, yard, painting, furnace, garage, etc. Post-paid prices, size 6, 7 and 8, \$1.35 a pair. Sizes 9 and 10, \$1.45 a pair.



POT AND GARDEN LABELS

Pointed Wood Labels. Painted for pot and garden plants.

Pot Labels			Garden Labels		
Size	100	1000	Size	100	1000
4 x 5/8 in.	\$.55	\$3.75	8 x 7/8 in.	\$1.25	\$8.75
5 x 5/8 in. ....	.60	4.00	10 x 7/8 in.	1.40	10.25
6 x 5/8 in. ....	.65	4.10	12 x 1 1/8 in.	1.90	16.00
8 x 5/8 in. ....	.85	5.75			
10 x 5/8 in.	1.00	7.50			

All prices are delivered.

COPPER WIRED TREE LABELS

Copper Wired 3 1/2-inch Wood Labels for trees, shrubs, plants.

Prices 55c per 100; \$3.95 per 1,000, postpaid.

MASTERS HANDI CART



You'll always be glad to have this husky work saver for house, yard and garden! Sturdily constructed, designed to distribute load evenly, tilts forward to ground, so that debris can be raked in without lifting.

Price: \$11.00 f.o.b. Norfolk

BIRD'S FLOWER POTS

Improved—Neponset

Bird's Red Flower Pots are extensively used for shipping plants, starting seeds and seedlings. They are light in weight.



	Doz.	RED 100	1000
2 inch	\$.25	\$1.25	\$ 8.80
2 1/4 inch .....	.25	1.25	8.85
2 1/2 inch .....	.30	1.30	9.00
3 inch .....	.35	1.35	9.60
3 1/2 inch .....	.40	1.45	12.80
4 inch .....	.50	1.75	15.50
5 inch .....	.55	2.10	19.40
6 inch .....	.60	2.50	24.00

Prices—F. O. B. Norfolk

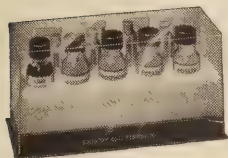
BIRD PLANT BANDS

For Vigorous Plants

Vita Bands 10				Vita Bands D			
	Doz.	100	1000		Doz.	100	1000
2 x 2 x 2 1/2.....	\$.20	\$.75	\$4.75		\$.20	\$.80	\$4.80
2 x 2 x 3.....	.20	.85	5.20		.25	.90	5.45
2 1/2 x 2 1/2 x 3....	.25	1.00	6.30		.30	1.10	6.30
3 x 3 x 3.....	.30	1.10	7.30		.35	1.15	7.30

Prices—F. O. B. Norfolk

SUDBURY SOIL TEST KITS



Home Garden Model D

Makes same tests as the Jr. Professional Model, but has less equipment, testing solutions, etc. It makes 20 tests.

Price, \$2.98
Postpaid, \$3.25



Horticultural Model

Makes same tests as the Jr. Professional Model, but has 4 times more soil testing solutions, more equipment, sturdy wooden chest.

Price, \$14.95
Postpaid, \$15.45

Jr. Professional Model

Tells how to make your soil right and keep it right for whatever you want to grow. A ten-minute test tells more than a lifetime of gardening. Shows how to give your soil the right kinds and amounts of fertilizers for all your flowers, vegetables, etc. Also whether lime is needed and how much. Easy to use—no knowledge of chemistry needed.

Contains complete equipment and instructions—solutions for 50 tests for nitrogen, phosphorus, potash, and acidity (pH). Compact Leathertex case.

Price, \$5.89; Postpaid, \$6.25

TRAIN-ETTS

New Weatherized
TRELLIS NETTING



Ideal Support for SWEET

PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes.

No. 1 60" x 72" Train-etts.....	\$.65 postpaid
No. 2 60" x 96" Train-etts.....	.85 postpaid
No. 3 60" x 180" Train-etts.....	1.25 postpaid



PLANT PROPS

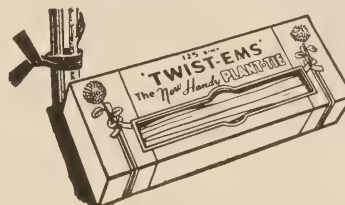
Plant Props are made of heavy gauge, strong steel rods, with a convenient loop at the top. Ideal, permanent supports for any type plant needing support. Easy to install and easy to remove and store when not in use. Baked green enamel finish, 4 convenient sizes.

Size (over all)	Per doz.
16 in.	\$.70
30 in.	1.60
42 in.	1.90
66 in.	3.10

Prices f.o.b. Norfolk

'TWIST-EMS'

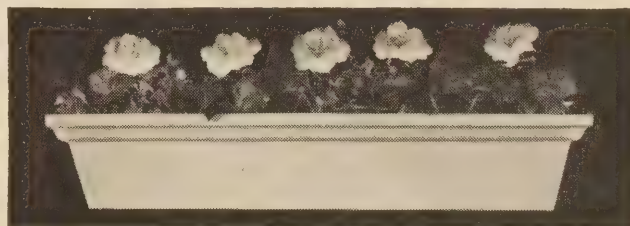
The New
Handy Plant-Tie



"Twist-ems" are dark green strong tapes with wire reinforcing that make perfect plant-ties. For plants, vines and shrubs and arranging flowers.

4 in., 200 to box.....	\$.25 Postpaid
8 in., 50 to box.....	.15 "
8 in., 100 to box.....	.25 "
16 in., 100 to box.....	.50 "
250 ft. roll.....	1.15 "

CARLCO WINDOW BOXES



Of a standard green color, these all steel window boxes are of pleasing design, quite rugged, and with care, are built for long use. 15 inch size, \$1.00 each, not postpaid; \$1.50 postpaid. 24 inch size, \$1.20, not postpaid; postpaid, \$1.65. 30 inch size, \$1.60, not postpaid; postpaid, \$1.95.

INSECTICIDES AND FUNGICIDES



ANTROL ANT TRAPS

Metal traps that contain two types of specially prepared material that attract and kill both grease and sweet-eating ants. Each 25c, not postpaid; postpaid, 30c.

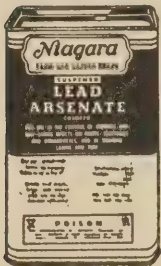
ANTROL READY-FILLED SETS

These convenient sets contain four glass feeders ready-filled with Antrol Syrup. Safe around children and pets. Sets, each 39c, not postpaid; postpaid, 50c.



ARSENATE OF LEAD

For use as a spray or a dust in the control of chewing and leaf eating insects. It is recommended for use on fruit and shade trees, vegetables, flowers, and on lawns and turf for the control of Japanese Beetles and other turf destroying grubs. 1 lb. can 60c, not postpaid; postpaid, 85c; 4 lb. bag \$1.80, not postpaid; postpaid, \$2.15.



"BLACK LEAF 40"

40% Nicotine. An effective and economical insecticide for plants, animals, and poultry. Kills by contact and fumes. Highly concentrated and economical. 1 oz. 36c; 5 ozs. \$1.05; 1 lb. \$2.42; 2 lbs. \$4.15; 5 lbs. \$7.40; 10 lbs. \$12.65, not postpaid; postpaid, 1 oz. 45c; 5 ozs. \$1.15; 1 lb. \$2.70; 2 lbs. \$4.55; 5 lbs. \$7.75; 10 lbs. \$13.25.

BORDEAUX MIXTURE

This well known and universally used copper fungicide is for use in the control of fungous diseases such as Mildew, Rust, and Blight, and is compatible with most insecticides for use on fruits, flowers, vegetables and shade trees. 1 lb. can 45c, not postpaid; postpaid, 65c; 4 lb. bag \$1.15, not postpaid; postpaid, \$1.45.



CALCIUM ARSENATE

For leaf-eating insects. May be applied dry, mixing 1 part calcium arsenate to seven parts of hydrated (air-slaked) lime or land plaster, or in water, two pounds to 50 gallons of water. 4 lb. bag 70c; not postpaid; postpaid, 4 lb. bag 95c.



COPPER MILDREW SPRAY

A highly effective concentrated fungicide dependable protection against certain plant diseases of garden crops, fruit, flowers, shade trees and ornamentals. Leaves no conspicuous residue and contains no lime. Effective in the control of Early and Late Blight on Potatoes and Tomatoes, Leaf Spot on celery, beets and carrots, Cherry Leaf Spot, Leaf Spot of cucurbits, Black Spot on Roses, Lilacs, Phlox and Zinnias. 1 lb. can 70c; 3 lb. bag \$1.65, not postpaid; postpaid, 1 lb. can 95c; 3 lb. bag \$1.95.



CORN EAR WORM DROPS

Controls Corn Ear Worms, and is applied to the ear shortly after the silk has turned brown. All that needs to be done is to insert the applicator into the tip of the ear, and permit a few drops to enter the ear. An effective control for this destructive insect. 2 oz. bottle with applicator, 35c, not postpaid; postpaid, 45c.

CRO-TOX BIRD REPELLENT

Gives sure protection and stops birds from pulling germinating seed. Prevents seed rot and saves re-planting. 1/2 pint treats 1 bushel of seed corn. 1/2 pint 60c; pint \$1.00; quart \$1.75, not postpaid; postpaid, 1/2 pint 80c; pint \$1.25; quart \$2.10.



Protect Your Corn Plantings with
STANLEY'S CROW REPELLENT

STANLEY'S CROW REPELLENT

Protects your seed corn during the period when it is most easily damaged by crows, pheasants, blackbirds, larks, and all other corn pulling birds and corn pulling animals. 1/2 pint treats 1 bushel of seed corn. 1/2 pint 60c; 1 pint \$1.00; 1 quart \$1.75, not postpaid; postpaid, 1/2 pint 80c; 1 pint \$1.25; 1 quart \$2.10.

CUKE AND MELON DUST

A combined insecticide and fungicide containing Calcium Arsenate and Copper for the control of Cucumber Beetles, Wilt, Scab, Mildew and Leaf Spot on cucumbers, melons and other cucurbits. Effective and safe, this formulation contains no lime. 1 lb. bag, 45c; 4 lb. bag, \$1.10, not postpaid; postpaid, 1 lb. bag, 65c; 4 lb. bag, \$1.50.



CYANOOGAS

Cyanogas—A Dust

Kills moles, rats, mice, bed bugs, clothes moths, ants, grape leaf hoppers, etc. 4 oz. can 40c; 1 lb. can \$1.00; 5 lbs. \$3.75; f.o.b. Norfolk. (Cannot be mailed.)

CYANOOGAS G FUMIGANT

For greenhouse, flour mill and grain fumigation. Kills whitefly, aphids, moths, weevil, rats, mice. 5 lb. can \$3.75, f.o.b. Norfolk. (Cannot be mailed.)



ISOTOX GARDEN SPRAY

Contains Lindane

A truly fine, new insect spray containing Lindane. Kills Aphids, Japanese Beetles, Lacebugs, Lawn Moth, Ants, Thrips, Flies, Spiders, Wasps, Wireworms, and many other pests. Residual kill up to two weeks. Use on Flowers, Shrubs, Fruit Trees and Vegetables. 4 oz. bottles \$1.00; 8 oz. bottles \$1.75; 16 oz. bottles \$2.95; 1/2 gal. jugs \$10.25, not postpaid; postpaid, 4 oz. bottles \$1.15; 8 oz. bottles \$2.00; 16 oz. bottles \$3.25.



INSECTICIDES AND FUNGICIDES—Continued



JAPANESE BEETLE TRAPS AND BAIT

An efficient and widely used trap that is sturdily built and will last for years. The advanced design of this trap makes it the most efficient destroyer of the full grown Japanese Beetles.

	Each
Trap only	\$1.15
Perforated Cage .....	.60
Steel Stands for supporting Beetle Traps .....	.50

GRANULAR BEETLE BAIT

1 oz. can.....	.20
4 oz. can.....	.50
1 lb. can.....	1.35
5 lb. can.....	6.00

Trap complete with Cage, Stand, and 1 oz. can of Bait..... 2.45
Prices f.o.b. Norfolk

JAPIDEMIC

Milky Disease Spore Dust

Kills the grub of the Japanese Beetle in the soil.

Japidebic is an odorless powder containing the living spores of the organisms which produces the milky disease of the grubs of the Japanese Beetle. One treatment with JAPIDEMIC (Milky Disease Spore Dust) of turf infested with grubs of the Japanese Beetle is sufficient under favorable conditions to insure development and spread of the disease.

JAPIDEMIC IS HARMLESS TO PLANTS, HUMAN BEINGS, AND DOMESTIC ANIMALS WHEN USED ACCORDING TO DIRECTIONS.

1/2 lb. pkg., \$2.75 each; 1 lb. pkg., \$4.50, not postpaid, postpaid, 1/2 lb. pkg., \$2.95; 1 lb., \$4.75.

LIME SULPHUR POWDER

A dormant and summer spray for control of San Jose Scale, Apple Scab, Pear Scab, Peach Leaf Curl, Cherry Leaf Spot. 1 lb., 65c; 5 lbs., \$2.65, not postpaid; postpaid, 1 lb., 85c; 5 lbs., \$2.95.

LIME SULPHUR LIQUID

A popular dormant spray for fruits, flowers and shrubs. Quart, 60c; gallon, \$1.50, not postpaid; postpaid, quart 85c; gallon, \$2.00.

LOUSE POWDER

A new and highly effective dust formulation containing Benzine Hexachloride for the control of lice and certain ticks on cattle, horses, sheep, goats and hogs. This new and highly effective dust preparation quickly eliminates lice and certain ticks, and is easily applied on livestock directly from the sifter top cannister. 1 lb. can, 65c, not postpaid; postpaid, 85c.



MARVEL SPRAY

For indoor, outdoor, and greenhouse use. Kills mealy bugs, red spider, and aphids on roses, African violets, gardenias, coleus, ivy, and Boston Ferns. 4 oz. can makes 5 gals. 4 oz. can \$1.15, postpaid. Not prepaid, 4 oz. can \$1.00.

50% TECHNICAL METHOXYCHLOR WETTABLE POWDER

This insecticide, originated and developed by Du Pont, is widely used on field crops because it protects the crop and the consumer against hazardous toxic residues. It's distinctive because it combines high insecticidal efficiency with low toxicity to plants, warm-blooded animals and humans. Recommended by the U. S. D. A. for use on dairy cattle and in dairy barns. It has already made an important contribution to better farming. The amateur gardener wants a safer insecticide for general use. Methoxychlor is the answer. 8 ozs., 75c; not postpaid; postpaid, 95c.

NO-SEED HORMONE BLOSSOM SET

Get Earlier Tomatoes

NO-SEED sets the blossoms chemically, prevents their falling. Gives ripe tomatoes 2-4 weeks earlier; 20-40% greater yield, improved flavor; larger; meatier; SEEDLESS;—tomatoes, peppers, cucumbers, egg-plant, squash. Bigger set of berries, beans, peas, too. Just mix this approved plant hormone with water and spray the blossoms. Tested by Dept. of Agriculture, Universities, Experiment Stations. Used by gardeners, growers, canners. 4 oz., 75c; 1 pt., \$1.75, not postpaid; postpaid, 4 oz., 85c; 1 pt., \$1.95.



PARA-SCALECIDE FOR PEACH BORER

A prepared combination of Scalecide and paradichlorobenzene making a liquid treatment for treating peach borers that is effective and safe on young and old trees with a considerable saving of labor of application. It is in great demand wherever peaches are grown. 1 Gallon makes 8 Gallons for use.

Also used on other trees for borers. 8 oz. can, 75c; 1 quart can, \$1.45; 1 gallon can, \$3.25, not postpaid; postpaid, 8 oz. can, 95c; 1 quart can, \$1.80; 1 gallon can, \$3.85.



PARIS GREEN

A highly effective insecticide for chewing insects. For application on hardy leaf plants only. 1/4 lb., 35c; lb., 95c; 5 lbs., \$4.25, not postpaid; postpaid, 1/4 lb., 45c; 1 lb., \$1.15; 5 lbs., \$4.65.

NEW POMO-GREEN

New Pomo-Green is a combination insecticide and sulfur fungicide. It is green in color, so when either sprayed or used on plants, does not show any ugly residue. Recommended for the control of the dreaded black spot and powdery mildew for rose growers. Also kills chewing and sucking insects on roses, delphiniums, phlox and many other ornamental plants. 1 lb., \$1.00; 5 lbs., \$3.00; not postpaid. Postpaid, 1 lb., \$1.25; 5 lbs., \$3.35.



Order Insecticides
When you order your Seeds

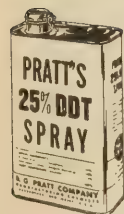
INSECTICIDES AND FUNGICIDES—Continued

POTATOX POTATO DUST OR SPRAY

Contains 5% DDT, an arsenical and copper. A combined insecticide and fungicide for use as a dust or spray in the control of bugs and blight on potatoes and other vegetables having hardy foliage. Increases yield and quality of crops. For spraying, 6 tablespoonfuls makes 1 gallon of dilute spray, or 4 pounds makes 60 gallons of dilute spray. 1 lb. can, 60c; 4 lb. bag \$1.85, not postpaid; postpaid, 1 lb. can, 80c; 4 lbs., \$2.25.



PRATT'S 25% DDT



paid, 1/2 pint can, \$1.10; 1 quart can, \$2.25.

A soluble DDT in an active vegetable oil base, which leaves a micro-crystalline film of DDT on foliage for greater control of insects. For use in spraying fruit trees, shade trees, certain truck crops, gardens and flowers. Especially effective against codling moth, leaf roller, thrips, leaf hopper, Colorado potato beetle; flea beetle, oriental peach moth and Japanese Beetles. Also used for spraying barns, dairies, kennels and other unfinished buildings as a residue fly spray. 1/2 pint can, 85c; 1 quart can, \$2.00, not postpaid; post-

RAT AND RODENT DESTROYERS



MOUSE-NOTS

A meaty, easily hulled, treated bait which appeals to the finicky taste of mice. Simply spread in places where mice frequent. "Their Last Meal." Small size, 25c; Large size, \$1.00, not postpaid; postpaid, Small size, 30c; Large size, \$1.15.

MOLE-NOTS

Life saver for lawns, flower and seed beds. Sure death to bulb-eating, root destroying moles. MOLE-NOTS safeguard bulbs when placed in ground at time of planting. "Their Last Meal." Small size, 35c; Large size \$1.00, not postpaid; postpaid, Small size, 40c; Large size, \$1.15.



RAT NOTS

A non-poisonous prepared bait containing genuine Red Squill. A safe, sanitary way to exterminate rats. Rats are attracted to RAT-NOTS because of their tempting odor. "Their Last Meal." Small size, 25c; Large size, \$1.00, not postpaid; postpaid, Small size, 30c; Large size, \$1.15.



REDI-MIX WARFARIN

FOR GETTING RID OF RATS AND MICE

HOPKINS REDI-MIX WARFARIN is a ready to use bait scientifically blended with grain which has proven most effective in getting rid of rats and mice. 1 lb. can, 90c; 2 1/2 lb. can, \$1.85; 5 lb. bag, \$3.00, postpaid. Not prepaid, 1 lb. can, 80c; 2 1/2 lb. can, \$1.75; 5 lb. bag, \$2.85.

NEW PELLETTED WARFARIN

FOR GETTING RID OF RATS AND MICE

A new form of Warfarin in pellet form which some have found more effective than the powdered form in getting rid of rats and mice. 1 lb., \$1.05; 2 lbs., \$1.70; 5 lbs., \$3.50, postpaid. Not prepaid, 1 lb., 95c; 2 lbs., \$1.60; 5 lbs., \$3.25.



ROACH-NOTS

A prepared powder bait, quiet and effective. Roach-Nots "Lays them on their backs." Also quickly kills water bugs and silverfish. "Their Last Meal." Small size, 25c; Large size, \$1.00, not postpaid; postpaid, Small size, 30c; Large size, \$1.15.

RED ARROW SPRAY

A highly concentrated pyrethrum rotenone soap spray. Will kill most types of insects found on flowers, shrubs, vegetables, and small fruit trees. 1 oz., 35c; 4 ozs., \$1.00; pint, \$2.85; quart, \$5.00; gal., \$18.00, not postpaid; postpaid, 1 oz., 40c; 4 ozs., \$1.15; pint, \$3.10; quart, \$5.35.



ROOTONE

Reg. U. S. Pat. Off.



ROOTONE, the plant hormone powder, for faster rooting for cuttings. Simply dip the cutting into the powder and plant as usual. Also dust your seeds with this powder. The treatment produces heavier roots and a larger crop on many kinds of seed. Use one ounce to each bushel of seed corn. 1/4 ounce packet, 25c; 2 ounce jar, \$1; 1 pound can, \$5, postpaid.

TRANSPLANTONE

Reg. U. S. Pat. Off.

TRANSPLANTONE, the hormone-vitamin powder for starting plants out right. Use a level teaspoon of TRANSPLANTONE to each ten gallons of starting water when setting out plants. Produces earlier maturity, larger crops on tomato, tobacco and sweet potato plants. 1/2 ounce packet, 25c; 3 ounce can, \$1; 1 pound can, \$4.00, postpaid.

INSECTICIDES AND FUNGICIDES—Continued

FRUITONE

Reg. U. S. Pat. Off.

FRUITONE, the hormone spray for stopping premature drop of fruit, flowers and leaves. When sprayed on flowers of tomatoes or beans it produces better set and larger crop. Prevents premature drop of apples and pears. Makes hollies and other Christmas greens hold their leaves longer. **2/5-ounce packet, 25c; 2-ounce package, \$1.00; 12-ounce can, \$5.00, postpaid.**

ROTENONE DUST OR SPRAY



Contains 75% Rotenone. For use in the control of Mexican Bean Beetles, worms on cabbage and broccoli, Pea Aphis, Asparagus Beetles and certain chewing and sucking insects on vegetables and ornamentals. It is a non-poisonous, general purpose insecticide for dusting or spraying. **1 lb. sifter can, 45c; 4 lb. bag, \$1.10, not postpaid; postpaid, 1 lb. sifter can, 65c; 4 lb. bag, \$1.45.**

COPPER ROTENONE BEARING DUST



A vegetable garden specialty containing 75% Rotenone and Coppers as a fungicide in the form of copper oxychloride sulphate. A non-poisonous insecticide-fungicide and repellent dust formulation for the control of such diseases as Mildew, Leaf Spot and Blight and such insects as Asparagus Beetle, Cucumber Beetle, Cabbage Worm, Strawberry Leaf Roller, and many other insects troublesome on vegetables, flowers and ornamentals. **1 lb. sifter can, 60c; 4 lb. bag, \$1.80, not postpaid; postpaid, 1 lb. sifter can, 80c; 4 lb. bag, \$2.15.**

SULPHUR ROTENONE BEARING DUST



Contains 75% Rotenone plus Bentonite Sulphur. A combined insecticide-fungicide dust for flowers and vegetables, greenhouse plants, ornamentals and shrubs. For use in the control of Mexican Bean Beetles, worms on cabbage and cauliflower, Asparagus Beetles, Pea Aphis, Gladiolus Thrips, and Black Spot, Mildew, and chewing insects on roses. **1 lb. sifter top can 50c; 4 lbs., \$1.45, not postpaid; postpaid, 1 lb. sifter top can, 70c; 4 lbs., \$1.75.**

SCALECIDE™

For over 40 years the one dependable dormant spray. The only miscible oil spray containing a combination of vegetable and mineral oils. The safest oil spray to use on all fruit trees, shade trees, shrubs, vines and evergreens. Noted for its effectiveness against scale, aphid, red mite and other pests controlled by a dormant spray. Has a decided invigorating effect. Scalecide is sold with a guarantee to produce a better orchard than lime sulphur or oil emulsion. **1 pt. can, 75c; 1 qt. can, \$1.15; gallon can, \$2.75, not postpaid; postpaid, 1 pt. can, \$1.00; 1 qt. can, \$1.40; gallon can, \$3.15.**



SABADILLA DUST (20%)

For control of harlequin and chinch bugs, leaf hoppers, and many other hard to kill insects infesting vegetable and ornamental plants. **1 lb., 75c; 5 lbs., \$2.75, not postpaid; postpaid, 1 lb., \$1.00; 5 lbs., \$3.10.**

D & P ROSE DUST

An amazingly effective insecticide-fungicide for roses, combining the newest and finest active agents. D & P Rose Dust contains DDT, Rotenone, Fermate, Sulphur with wetting agents and adhesives. Controls Rose Beetles, Rose Chafers, Aphis, Leaf Hoppers, Thrips, Red Spiders, Leaf Rollers, Japanese Beetles and other leaf-eating and sucking insects and Black Spot, Powdery Mildew and Rust. Can be used as a dust spray. Sold in attractive and efficient dusters and cannisters. **10-oz. Handy Duster, 95c; 2 lb. cannister, \$1.85, not postpaid; postpaid, 10-oz. Handy Duster, \$1.10; 2 lb. cannister, \$2.10.**

ROSETONE

Use ROSETONE for successful Roses. Rosetone is a proven combination of vitamins and hormones. Soak roots or bushes in Rosetone before planting. Water your established rose bushes with Rosetone for better growth. **1/2 ounce packet, 25c; 3 ounce can, \$1.00, postpaid.**

SCALE OIL

A Dormant Spray

Controls scale insects on fruit and shade trees, ornamentals and shrubs, also red mite on fruit trees. Extremely efficient, self-emulsifying. Mixes readily with water. Very economical. **1 quart can, 85c; gallon can, \$2.10, not postpaid; postpaid, 1 quart can, \$1.10; gallon can, \$2.60.**

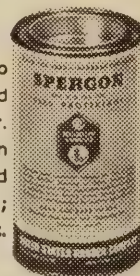


SNAROL CUTWORM BAIT

Non-injurious to vegetation. It kills cutworms, snails, slugs, sowbugs, ear-wigs. **1 lb., 50c; 2 1/2 lbs., \$1.00, not postpaid; postpaid, 1 lb., 70c; 2 1/2 lbs., \$1.25.**

SPERCON

A seed protectant in powder form to be applied to seed before planting to prevent seed decay and "damping-off," particularly in cold wet weather. Recommended for Peas, Beans, Lima Beans, Corn and other seeds. It is easy to apply to the seed and non-injurious to the user. **1 oz. envelope, 25c; 5 oz. container, \$1.00, not postpaid; postpaid, 1 oz. 30c; 5 oz., \$1.15.**



SPREADER STICKER (DUPONT)

A combined spreading and sticking agent for use with fungicides, insecticides and weed killing sprays for uniform and thorough coverage and retarding weathering. Dilute 1-800 to 1-600. **Pint, \$1.30; gallon, \$9.35, not postpaid; postpaid, pint, \$1.50; gallon, \$9.90.**

TREEKOTE

A pruning and grafting emulsion easy to apply to fresh grafting or pruning wounds. **1/2 pint, 60c; pint, 80c; qt., \$1.10; gallon, \$2.50, postpaid. Not postpaid, 1/2 pint, 40c; pint, 55c; qt., 75c; gallon, \$2.00.**

INSECTICIDES AND SEED DISINFECTANTS

Tri-ogen Spray

(Contains Fermate)

Concentrated Insect Spray and Fungicide

TRI-OGEN spray, with **Fermate**, is a proven product. Leading Rosarians, both amateur and professional, in all parts of the country use and recommend TRI-OGEN. Most all the Municipal Rose Gardens, from the Atlantic to the Pacific, use and recommend TRI-OGEN Spray.

TRI-OGEN spray gives protection against certain insects and diseases, including black spot, mildew, aphids, etc. The stimulating value of TRI-OGEN spray promotes vigor and growth, healthy green foliage, with resultant luxurious blooms.

TRI-OGEN spray is especially recommended for Roses, Asters, Snapdragons, Carnations, Hollyhocks, Phlox, Delphiniums, Zinnias, Golden Glow Dahlias, and many other plants.

	Not Postpaid	Postpaid
"E" Kit	\$ 1.35	\$1.60
"A" Kit	2.25	2.60
"B" Kit	6.00	6.65
"C" Kit	9.00	9.75
"D" Kit	30.00	



VOLCK OIL SPRAY

A highly refined insecticide and spray carrier for use against mealy bugs, scale insects, red spiders, and white flies on plants. **4 ozs., 35c; pint 70c; quart, \$1.25; gallon, \$2.85, not postpaid; postpaid, 4 ozs., 45c; pint, 90c; quart, \$1.50; gallon, \$3.35.**

FLORIDA VOLCK PASTE EMULSION

A fine product especially prepared for use on Camellias, Azaleas, and Citrus. Controls, Mealybugs, Lacebugs, Mites, Red Spiders, White Flies, and Scale Insects. Acts as an insecticide and spray carrier. **Pint, 75c; quart, \$1.25; gallon, \$2.85; 5 gal. drum, \$9.50, not postpaid; postpaid, pint, 95c; quart, \$1.50; gallon, \$3.35.**

NEW AND EFFECTIVE WEED KILLERS

AMMATE. Especially effective for permanent kill of poison ivy, poison oak, and many woody perennials. **2 lbs., \$1.00; 6 lbs., \$2.70, not postpaid; postpaid, 2 lbs., \$1.25; 6 lbs., \$3.10.**



THE NEW IMPROVED WEEDONE

Contains the powerful 2,4,5-T and 2,4-D, the two most effective chemicals for killing lawn weeds, poison ivy, poison oak, honeysuckle, wild blackberries, and over 90 other weeds and woody plants **WITHOUT KILLING THE GRASS.** Non-poisonous to animals or humans.

Kills a greater variety of lawn weeds and woody plants than any products containing only one of these chemicals. Does not give off vapors that cause injury to flowers or ornamentals. Prevents re-sprouting of tree stumps. The **ALL PURPOSE WEED KILLER.** **8 ozs., \$1.00; qt., \$2.75; gal., \$6.95, not postpaid; postpaid, 8 ozs., \$1.20; qt., \$3.00.**

WEEDONE BRUSH KILLER 32

Greatest **brush** and **weed** killer ever offered. This proved formulation kills the brambles (blackberry, raspberry, etc.) poison ivy, poison oak, certain species of oaks, Osage orange, willows, wild cherry, hickory, buckbrush, elderberry, coralberry, and many other woody plants, as well as thistles and other perennial weeds. Can be sprayed at any season of the year. **Quart, \$4.00, not postpaid; postpaid, quart, \$4.25.**



ARASAN. For Peanuts, Corn, Sorghums, Soy Beans and Vegetables. Usually reduces losses from seed decay and

damping off. Is a disinfectant and protectant. Treatment of Peanuts increases the stand more than a third. Vegetable seeds germinate more promptly and make stronger plants. **2 ozs. treats 100 lbs. of shelled peanuts, beans, corn and peas. 4 ozs. to 100 lbs. of vegetable seeds.**

Postpaid prices, 3/4 ounce, 30c; 8 ozs., \$1.15; 4 lbs., \$6.35. Not Postpaid, 3/4 ounce, 25c; 8 ozs., \$1.00; 4 lbs., \$6.00; 25 lb. drum, \$30.00; 100 lb. drum, \$115.00.



ARASAN SF. For use with slurry treaters or batch mixers for corn, rice, sorghum, peas, beans, vegetable seed, grasses and legumes. **Postpaid, 3 lb. bag, \$5.50. Not prepaid, 3 lb. bag, \$5.20.**

NEW DUSTLESS ARASAN SF-X. 25 lb. drum, \$45.00; 100 lb. drum, \$172.50, F.O.B. Norfolk.

CERESAN M. For Dry or Slurry application to control certain smuts and some other seed borne diseases of wheat, oats, barley, rye, sorghums, millets, and flax. Reduces seed decay and seedling damping off of cotton and surface seed borne anthracnose and angular leaf spot on cotton. **Postpaid, 14 oz. can, \$1.40; 3 lb. can, \$3.90. Not prepaid, 14 oz. can, \$1.25; 3 lb. can, \$3.55; 40 lb. can, \$35.85; 100 lb. drum, \$85.00.**



2% CERESAN. For Cotton, Peas and Narcissus. Generally prevents seed decay and reduces damping off, surface seed-borne angular leaf-spot and anthracnose of Cotton. Produces better stands, and usually increases the yield. **3 ozs. treats 1 bu. Postpaid prices, 1 1/2 lbs., \$2.00. Not postpaid, 1 1/2 lbs., \$1.75; 25 lb. pail, \$20.15; 100 lb. drum, \$75.90.**

SEMESAN. For vegetable, flower seeds, and bulbs. Generally preserves seeds against rotting in cold wet soils; controls damping off or seedling blight, and certain other seed-borne diseases. Helps promote increased germination, sturdier growth, larger yield, better grade produce. **1 oz. treats 15 lbs. of seed. Postpaid prices, 1/3 oz. package, 25c; 2 ozs., 70c; 12 ozs., \$3.05; 4 lbs., \$11.40. Not postpaid, 1/3 oz. package, 20c; 2 ozs., 60c; 12 ozs., \$2.85; 4 lbs., \$11.00; 25 lb. pail, \$72.65.**



SEMESAN BEL. For both Irish and Sweet Potatoes. Protects against seed borne and soil borne diseases. Increases the yield of better quality and cleaner potatoes. **1 lb. treats 60 to 80 bushels. Postpaid prices, 2 ozs., 55c; 1 lb., \$2.50; 4 lbs., \$7.80. Not postpaid, 2 ozs., 50c; 1 lb., \$2.30; 4 lbs., \$7.50; 40 lb. drum, \$70.35.**



TERSAN 75. A new 75% Thiuram fungicide, exceptionally safe and effective, non-mercurial for prevention or control of large Brown Patch, Dollar Spot, and Snow Mold on golf courses, grass tennis courts, lawns and other fine turfs. **3 lb., bag, not postpaid, \$6.75; postpaid, \$7.00.**

PEAT MOSS—SOIL CONDITIONERS—PINE NEEDLES



FOR AFRICAN VIOLET GROWERS

Every grower of African Violets should have one of these kits containing the following:—

VIOL-OGEN ROOTING MEDIUM
Gives quicker and vigorous start

VIOL-OGEN POTTING MIXTURE
Balanced, and Ready to Use

VIOL-OGEN PLANT FOOD
Miraculous Plant Stimulant

VIOL-OGEN SPRAY
Kills deadly hard to see Pests

A kit containing the above four African Violet Specialties, \$2.95.

CAMAZAY Camellia and Azalea SOIL CONDITIONER

Camazay is not a fertilizer, nor an insecticide, but a scientifically balanced soil conditioner prepared especially for Camellias and Azaleas. It contains almost all the minor essential elements and the proper acid producing chemicals that are so necessary for healthy plants, and produces larger blooms with more vivid color. (Directions on each can.) Can containing 1 1/4 lbs. net weight, 80c, postpaid; Not postpaid, 60c.

GROW POWER POTTING SOIL

A very rich soil compost and humus base, fortified with certain hormones and vitamins. A scientific blending recommended for African Violets and other plants. 3 lb. pkg. postpaid, 80c. Not postpaid, 55c.

ACTIVO

An organic preparation that makes rich activated fertilizer from waste—leaves, garbage, grass, chaff, etc., quickly, cheaply, easily. Pamphlet on request.

No. 2 size, for up to 425 lbs. waste.....\$1.00
No. 7 size, for up to 1350 lbs. waste.....\$2.49
No. 20 size, for up to 2 tons waste.....\$5.95

Prices f.o.b. Norfolk

ADCO

A preparation for turning the compost pile or other vegetable refuse, grass clippings leaves, etc., into clean, odorless manure in about 3 months. Use 1 pound to each bushel of material. 5 lbs., \$1.25; 20 lbs., \$2.65. Prices f.o.b. Norfolk.

PEAT MOSS

To have a healthy garden you must first have healthy soil. Don't waste time, seed and fertilizer on poor soil. Peat Moss, 97% organic, gives your soil loamlike texture, making it more productive. It absorbs 20 times its own weight in moisture . . . loosens and aerates heavy soil . . . adds body to light soil . . . prevents leaching. Water and fertilizer penetrate deeply, feeding the roots as needed.

Peat Moss is also used as a summer and winter mulch for plant protection. Bushel bag, 90c; handy box, \$1.55; junior bale, \$3.25; large bale, \$4.00. Prices f.o.b. Norfolk.



PINE NEEDLES

Considered by many, one of the best mulches for azaleas, camellias and rhododendrons. Standard bale, \$3.95. Prices f.o.b. Norfolk.

For the Finest Garden Ever



This Amazing New Growing Medium Gives 5 BIG ADVANTAGES

- Lightens Heavy Soil
- Holds Moisture Longer
- Aerates Soil
- Aids Seed Germination
- Makes Ideal Mulch

You'll get results you never thought possible—when you use Terra-Lite Brand Vermiculite in your garden! Yes, for Terra-Lite is revolutionizing flower and plant growing for thousands of folks! It helps plants and flowers in various stages of development. And it helps you . . . by eliminating some of the care you've previously had to give your garden! Come in today and learn about Terra-Lite.

Planting, plants and shrubs, and mulching. 4 qt. bag, 40c; 1/2 bus. bag, 85c; 2 bus. bag, \$1.75; 4 cu. ft. (about 3 1/2 bus.) \$2.25 bag. F.o.b. Norfolk.

VITA MULCH

Vita Mulch is a scientific soil building mulch that adds organic matter to the soil. It also contains some little plant food in a combination of Nitragin, Phosphoric Acid and Potash, that slowly becomes available to plant growth. Nearly all soils lack organic matter, and Vita Mulch not only adds organic matter to the soil, but has a tendency to make heavy soils lighter, and bind together light and sandy soils that are too porous. 1 to 9 Bags, \$2.15 per bag; 10 to 19 Bags, \$1.85 per bag; 20 Bags or over, \$1.55 per bag. Prices f.o.b. Norfolk.

FERTILIZERS—GARDEN LIME—GROUND LIMESTONE

Prices subject to change without notice. Write for prices on larger quantities.

✎ The purchaser pays expressage or freight on all items on this page. ✎

VIGORO

Vigoro, the Complete Plant Food, supplies growing things with the nourishment required from soil for the best growth.

Vigoro is preferred because it is clean, odorless, sanitary, and easy to use. Be sure to include it on your seed order.

100 lbs., \$4.55 50 lbs., \$2.80 25 lbs., \$1.70
10 lbs., 95c 5 lbs., 53c 1 lb., 15c

Prices f.o.b. Norfolk

New A SPECIAL FORMULA VIGORO

for Camellias and Azaleas

BE SURE TO TRY IT AND YOU WILL USE NO OTHER

5 lbs., 58c 10 lbs., \$1.05 25 lbs., \$1.90 100 lbs., \$5.75

Prices f.o.b. Norfolk

Aluminum Sulphate. Used in creating acid soil in which Azaleas, Rhododendrons, and similar plants are to be grown. Use 1 pound to each 10 square feet of surface. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 100 lbs., \$4.65. Prices f.o.b. Norfolk.

Bonemeal. An all-purpose fertilizer rich in nitrogen and phosphoric acid. Excellent for lawns, roses and shrubs. 5 lbs., 60c; 10 lbs., \$1.10; 25 lbs., \$1.95; 100 lbs., \$6.50 Prices f.o.b. Norfolk.

Cattle Manure. An all round natural fertilizer for flowers, grass or vegetables. 5 lbs., 50c; 25 lbs., \$1.45; 50 lbs., \$2.35; 100 lbs., \$4.35. Prices f.o.b. Norfolk.

Chicken Manure. High in nitrogen, and preferred by some gardeners for vegetables. 25 lbs., \$1.15; 50 lbs., \$1.75. Prices f.o.b. Norfolk.

Cotton Seed Meal. A valuable fertilizer, rich in ammonia and potash. 5 lbs., 60c; 10 lbs., \$1.10; 25 lbs., \$1.95; 100 lbs., \$6.75. Prices f.o.b. Norfolk.

Cow Manure, Wizard Brand (Pulverized). A natural fertilizer, splendid for roses and perennials. Especially good for applying in the late spring and summer. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.45; 50 lbs., \$2.35; 100 lbs., \$4.35. Prices f.o.b. Norfolk.

D & P Rose Food. A complete plant food for roses, containing every vitalizing element needed for healthy and luxuriant growth. Adds color and vigor to roses. 5 lbs., \$1.00; 25 lbs., \$3.00; 50 lbs., \$5.00; 100 lbs., \$9.00. Prices f.o.b. Norfolk.

GARDEN LIME. Calcium Oxide, 50%; Magnesium Oxide, 20%. Splendid for sweetening the soil. 10 lbs., 35c; 50 lbs., 85c; 100 lbs., \$1.35. Prices f.o.b. Norfolk.

GROUND MAGNESIUM LIMESTONE. 10 lbs., 25c; 25 lbs., 50c; 100 lbs., \$1.00. Prices f.o.b. Norfolk.

Hyponex. A clean, odorless, soluble powder for making a complete balanced quick acting liquid plant food. 1 oz. makes 6 gallons. Oz., 10c; 3 ozs., 25c; 7 ozs., 50c; 1 lb., \$1.00.

Muriate of Potash. An essential fertilizer for the proper development of all root crops. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 100 lbs., \$4.25. Prices f.o.b. Norfolk.

Nitrate of Soda. The most available inorganic form of nitrogen, and used principally for forcing plant growth. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.50; 100 lbs., \$4.50. Prices f.o.b. Norfolk.

Phosphoric Acid. (20% Acid Phosphate). Principally used where rapid development of plants, with corresponding stimulation of flower production is desired. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., 85c; 100 lbs., \$2.00. Prices f.o.b. Norfolk.

Plantabbs. A concentrated plant food in tablet form. Package of 12 tablets, 10c; 30 tablets, 25c; 75 tablets, 50c; 200 tablets, \$1.00; 1000 tablets, \$3.50. Prices f.o.b. Norfolk.

Sheep Manure, Wizard Brand (Pulverized). An all-around natural fertilizer for vegetables or flowers, but should not be applied in warm weather. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.45; 50 lbs., \$2.35; 100 lbs., \$4.35. Prices f.o.b. Norfolk.

Sulphate of Potash. Highly recommended for plants requiring acid soil condition, like rhododendrons and azaleas. 5 lbs., 65c; 10 lbs., 95c; 25 lbs., \$1.50, 50 lbs., \$2.75; 100 lbs., \$5.25. Prices f.o.b. Norfolk.

Superphosphate. (See phosphoric acid.)

All items on this page are not available, are f.o.b. Norfolk and must be shipped via express or freight collect.

Fascinating Zinnias



ZINNIA, FANTASY

A most fascinating type of informal shaggy flowers of medium size growing about 2 ft. tall, with good stems for cutting. Contains a wide range of interesting forms and colors, some of which are not found in other Zinnia varieties. **Mixed Colors: Pkt. 10c; 1/4 oz. 35c; 1/2 oz. 60c; oz. \$1.00.**



ZINNIA, PEPPERMINT STICK

One look at the picture tells you this is really new, and unlike any Zinnia on the market today. Peppermint Zinnia has a much wider color range—red and white, orange and yellow, pink and white, purple and white. Plants somewhat taller than Pumila, bearing medium size Pumila-type flowers. One of the best cut-and-come-again Zinnias that will bloom until frost, if kept picked. Peppermint Zinnia produces approximately 70% striped flowers. **Mixed Colors: Pkt. 15c; 1/4 oz. 75c; 1/2 oz. \$1.25; oz. \$2.25.**



ZINNIA, PERSIAN CARPET

All-America Selection Winner 1952. Miniature Zinnias resembling tiny Dahlias. Early blooming, 12-inch mounds of brilliant color ideal for edging. The variegated flower, size of silver dollar has printed petals tipped with contrast, dainty foliage quite unlike most Zinnias. **Pkt. 15c; 1/8 oz. 45c; 1/4 oz. 85c; 1/2 oz. \$1.65; oz. \$3.00.**

**For Our Full List
of ZINNIAS
See Pages 62 and 63**



GEO. TAIT & SONS

Thorabred Seeds

NORFOLK, VA.

Our Special Strain
Jumbo Hale's Best Muskmelon
Pkt., 10c
See page 19.

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1953